

File 2:INSPEC 1898-2007/Jun W2  
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File 99:Wilson Appl. Sci & Tech Abs 1983-2007/May  
(c) 2007 The HW Wilson Co.

File 144:Pascal 1973-2007/Jun W2  
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File 239:Mathsci 1940-2007/Aug  
(c) 2007 American Mathematical Society

File 256:TecInfoSource 82-2007/Nov  
(c) 2007 Info.Sources Inc

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

File 603:Newspaper Abstracts 1984-1988  
(c)2001 ProQuest Info&Learning

File 483:Newspaper Abs Daily 1986-2007/Jun 20  
(c) 2007 ProQuest Info&Learning

File 248:PIRA 1975-2007/May W4  
(c) 2007 Pira International

Set Items Description

S1 720301 TV OR TELEVISION? ?

S2 12034069 PROGRAM? ? OR SHOW? ? OR SITCOM? ? OR MOVIE? ?

S3 72612 S2(3N)(BLOCK???? OR RESTRICT? OR FILTER??? OR HALT??? OR S-  
TOP???? OR DISABL? OR PROHIBIT?)

S4 106740 (PARENT??? OR ADULT? ? OR MOTHER? ? OR FATHER? ? OR USER? -  
?)(3N)(CONTROL? OR BLOCK???? OR RESTRICT? OR MANAG?????? OR G-  
UIDELINE? OR FILTER??? OR LOCK??? OR HALT??? OR STOP???? OR D-  
ISABL? OR PROHIBIT?)

S5 2090070 VIEWER? ? OR CHILD OR CHILDREN OR ADOLESCENT? ? OR MINOR? ?

S6 15143 S5(3N)(BLOCK???? OR RESTRICT? OR HALT??? OR STOP???? OR DI-  
SABL? OR PROHIBIT?)

S7 1543371 MESSAGE? ? OR TEXT??? OR WARNING? ?

S8 4535 (CUSTOMI? OR PERSONALIZ? OR PERSONALIS? OR INDIVIDUAL? OR -  
SPECIFIED)(3N)S7

S9 47519 (DISPLAY? OR SHOW? OR PRESENT? OR WINDOW? ? OR SCREEN? ?)(-  
3N)(S7 OR S8)

S10 2556343 PASSWORD? ? OR PIN OR IDENTIFIER? ? OR ID OR IDENTIFICATIO-  
N? ? OR CODE? ?

S11 1457 EMM OR ENTITLEMENT()MANAGEMENT()MESSAGE? ?  
 S12 535 V()CHIP? ? OR (VIOLENCE OR VIOLENT)()CHIP? ?  
 S13 1341 AU=(YAMAUCHI, A? OR YAMAUCHI A?)  
 S14 0 S13 AND (S3 OR S4 OR S6 OR S11 OR S12)  
 S15 2 S12 AND (S8 OR S9)  
 S16 2 S15 NOT PY=>2002  
 S17 2 RD (unique items)  
 S18 1827 (S4 OR S6) AND S1  
 S19 803 S18 AND (S2 OR S3)  
 S20 4 S19 AND (S8 OR S9)  
 S21 3 S20 NOT S17  
 S22 3 S21 NOT PY=>2002  
 S23 3 RD (unique items)  
 S24 1 S23 NOT (DIGICOLOR OR UNIX)  
 S25 40 S19 AND S7  
 S26 22 S25 AND S5  
 S27 3 S26 AND (S10 OR S11 OR S12)  
 S28 2 S27 NOT (S17 OR S23)  
 S29 2 S28 NOT PY=>2002  
 S30 2 RD (unique items)  
 S31 19 S26 NOT (S30 OR S17 OR S28)  
 S32 10 S31 NOT PY=>2002  
 S33 10 RD (unique items)  
 S34 8 S33 NOT (SMOKING OR POKEMON)  
 S35 3 S11 AND (S3 OR S4 OR S6)  
 S36 0 S35 AND (S8 OR S9)  
 S37 3 S35 NOT (S30 OR S17 OR S28 OR S33)  
 S38 2 S37 NOT PY=>2002  
 S39 2 RD (unique items)  
 S40 0 S39 NOT (COGNITIVE OR PRICING)

**17/3,K/1 (Item 1 from file: 583)**  
 DIALOG(R)File 583:Gale Group Globalbase(TM)  
 (c) 2002 The Gale Group. All rts. reserv.

06659231

Clearer warnings on TV violence

UK: VIEWERS WARNED ON TV VIOLENCE

Daily Telegraph (DT) 21 Jul 1998 p.1

Language: ENGLISH

... begun with television text companies so that viewers can obtain  
 programme content information. Calls for **V - chips**, a computer chip  
 embedded in the television which prevents viewing violent programmes, and  
 cinema style on- screen warning symbols were rejected by the group. The  
**V - chip** is in early development stages and the on-screen symbols may  
 attract adolescent viewing.

**17/3,K/2 (Item 1 from file: 483)**  
 DIALOG(R)File 483:Newspaper Abs Daily  
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06008205 SUPPLIER NUMBER: 54322988

**Protecting children is responsibility of parents**

Anonymous

Atlanta Journal, p A; 8  
May 30, 2000  
NEWSPAPER CODE: ATJ  
; Newspaper article  
LANGUAGE: English      RECORD TYPE: ABSTRACT

...ABSTRACT: need to do is request it from your cable company. Plus,  
television manufacturers are installing **V - chips** to help parents **screen**  
programming; broadcasters are **warning** parents about content and rating  
programs according to age-appropriateness, though those warnings may need

...  
?

**24/3,K/1 (Item 1 from file: 35)**  
DIALOG(R)File 35:Dissertation Abs Online  
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01655457 ORDER NO: AAD98-39768  
**PANDORA'S BOXES: CHILDREN'S REACTION TO AND UNDERSTANDING OF TELEVISION  
AND INTERNET RULES, RATINGS, AND REGULATIONS**  
Author: KAHN-EGAN, CHRISTINE NICOLE  
Degree: PH.D.  
Year: 1998  
Corporate Source/Institution: THE FLORIDA STATE UNIVERSITY (0071)  
Source: VOLUME 59/07-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2235. 244 PAGES

**PANDORA'S BOXES: CHILDREN'S REACTION TO AND UNDERSTANDING OF TELEVISION  
AND INTERNET RULES, RATINGS, AND REGULATIONS**

This study on children's **television** and Internet use contained two  
projects. First, the Cyber Field Study consisted of searching the...

...follow the computer rules. Two, with no adult present, 60% of children  
reported they watch **shows** with **warnings**, with "sexual" as the most  
popular choice; with no adult present, 85% reported they watch **shows** with  
**restricted** ratings, with "TV -MA" as the popular choice; with no adult  
present, 48% visit adult sites, with "sexual...  
...death, sex, nudity, and harsh language.

Three, almost three times as many children saw adult **television**  
**shows** as adult websites. Generally, boys use more adult media than girls,  
and older children use more than younger children. Four, **children** were  
attracted to **restricted television** because the **shows** were  
"interesting," "entertaining," or "funny." **Children** were attracted to  
**restricted** Internet sites because they "like them," "want to see them," or  
because they "could." **Children** repelled by **restricted** media indicated  
that they did not like the content. Five, fewer than half of the...

...media content with them. Finally, about 15% said their parents "never"  
or "almost never" watched **television** with them and over half said their  
parents "never" or "almost never" use the computer...  
?

**30/3,K/1 (Item 1 from file: 483)**  
DIALOG(R)File 483:Newspaper Abs Daily  
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06233172 SUPPLIER NUMBER: 64665484

**It's Hollywood's Ball; FTC chief's warning on federal intervention should bring some balance to the intense controversy about adult fare directed at children .**

Anonymous

Los Angeles Times, p M4

Nov 26, 2000

ISSN: 0458-3035 NEWSPAPER CODE: ANGE

DOCUMENT TYPE: Editorial; Newspaper article

LANGUAGE: English RECORD TYPE: ABSTRACT

**It's Hollywood's Ball; FTC chief's warning on federal intervention should bring some balance to the intense controversy about adult fare directed at children .**

...ABSTRACT: Bros., Walt Disney Co. and MGM have said they will no longer market R-rated movies to underage audiences; Columbia Pictures began giving more details on the reasons behind particular ratings (advertisements for "Charlie's Angels" warn parents that the PG-13 movie includes "action violence, innuendo, some sensuality, nudity"), and the National Assn. of Theater Owners promised earlier this month not to show previews for R-rated movies to audiences waiting to see G- and PG-rated films. These new standards should not be implemented helter-skelter, but rather industrywide. Specifically, the industry should establish codes that prohibit target-marketing of children, impose sanctions for violations, commit to not advertise the most gratuitously violent R-rated movies during TV shows with predominantly young audiences, and increase compliance at the retail level by, for example, requiring...

30/3,K/2 (Item 2 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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05232725

**Struggling to raise good kids in TOXIC TIMES Is innocence evaporating in an open-door society?**

Donahue, Deirdre

USA TODAY, Sec D, p 1, col 2

Oct 1, 1998

ISSN: 0734-7456 NEWSPAPER CODE: US

DOCUMENT TYPE: Feature; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

...ABSTRACT: shows. For its part, industry is putting warning labels on suggestive CDs and selling software programs like Net Nanny so parents can limit their kids' access to offensive material.

?

34/3,K/1 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1449926 NTIS Accession Number: ED-303 136

**Commercialization of Children's Television . Hearings on H.R. 3288, H.R. 3966, and H.R. 4125: Bills to Require the FCC to Reinstate Restrictions on Advertising during Children's Television , to Enforce the Obligation of Broadcasters to Meet the Educational Needs of the Child Audience, and for Other Purposes, before the Subcommittee on Telecommunications and Finance of the Committee on Energy and Commerce, House of Representatives, One Hundredth Congress, September 15, 1987 and March 17, 1988**

Committee on Energy and Commerce (U.S. House).

Corp. Source Codes: 081279000

1988 354p

Languages: English

Journal Announcement: GRAI8918

Serial No. 100-93. Portions contain small print.

Available from ERIC Document Reproduction Service (Computer Microfilm International Corporation), 3900 Wheeler Ave., Alexandria, VA 22304-5110.

NTIS Prices: Not available NTIS

**Commercialization of Children's Television . Hearings on H.R. 3288, H.R. 3966, and H.R. 4125: Bills to Require the FCC to Reinstate Restrictions on Advertising during Children's Television , to Enforce the Obligation of Broadcasters to Meet the Educational Needs of the Child Audience, and for Other Purposes, before the Subcommittee on Telecommunications and Finance of the Committee...**

... House of Representatives on three bills which would require the Federal Communications Commission to reinstate restrictions on advertising on children's television programs . The texts of the bills under consideration, H.R. 3288, H.R. 3966, and H.R. 4125...

... were presented by: (1) Representative Terry L. Bruce of Illinois; (2) Peggy Charren, Action for **Children's Television** ; (3) Robert Chase, National Education Association; (4) John Claster, **Claster Television** ; (5) William Dietz, Tufts New England Medical Center; (6) Wallace Jorgenson, National Association of Broadcasters...

... Laybourne, Nickelodeon; (9) Gerald S. Lesser, Harvard University; (10) Preston R. Padden, Association of Independent **Television Stations**; (11) Shaun Sheehan, Tribune Broadcasting Co.; (12) Jerome Singer, Yale University; (13) Ellen Wartella...

Descriptors: \*Advertising; \*Childrens **television** ; \*Commercial **television** ; \*Federal legislation; \*Programing(Broadcast); \* **Television** commercials; Hearings; Policy formation; **Television** research; Toys .

**34/3,K/2 (Item 1 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online

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01655457 ORDER NO: AAD98-39768

**PANDORA'S BOXES: CHILDREN'S REACTION TO AND UNDERSTANDING OF TELEVISION**

**AND INTERNET RULES, RATINGS, AND REGULATIONS**

Author: KAHN-EGAN, CHRISTINE NICOLE

Degree: PH.D.

Year: 1998

Corporate Source/Institution: THE FLORIDA STATE UNIVERSITY (0071)

**PANDORA'S BOXES: CHILDREN 'S REACTION TO AND UNDERSTANDING OF  
TELEVISION  
AND INTERNET RULES, RATINGS, AND REGULATIONS**

This study on **children 's television** and Internet use contained two projects. First, the Cyber Field Study consisted of searching the Internet for sexual, violent, or indecent content to determine presence of **warnings**, accessibility, and explicitness. Of the approximately 100 sites visited, the majority had no **warnings**, and the vast majority were easily accessible. Explicitness ranged from no images to immediate photographs...

...easily accessible.

Second, over 300 third-through eighth-graders reported the following results on the **Children 's Survey**. One, parents were more concerned about **children** sharing media and not eating near media than any other media concern. Generally, **children** were more likely to follow the computer rules. Two, with no adult present, 60% of **children** reported they watch **shows with warnings**, with "sexual" as the most popular choice; with no adult present, 85% reported they watch **shows with restricted ratings**, with "TV -MA" as the popular choice; with no adult present, 48% visit adult sites, with "sexual...

...and weapons, violence, death, sex, nudity, and harsh language.

Three, almost three times as many **children** saw adult **television shows** as adult websites. Generally, boys use more adult media than girls, and older **children** use more than younger **children**. Four, **children** were attracted to **restricted television** because the **shows** were "interesting," "entertaining," or "funny." **Children** were attracted to **restricted** Internet sites because they "like them," "want to see them," or because they "could." **Children** repelled by **restricted** media indicated that they did not like the content. Five, fewer than half of the **children** thought their parents had explained the importance of the rules, and just over half said...

...media content with them. Finally, about 15% said their parents "never" or "almost never" watched **television** with them and over half said their parents "never" or "almost never" use the computer...

**34/3,K/3 (Item 2 from file: 35)**  
DIALOG(R)File 35:Dissertation Abs Online  
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01468266 ORDER NO: AADAA-I9607102  
**FAMILY VIEWS: THE EFFECT OF TRAINING PARENTS TO MEDIATE THEIR CHILDREN  
'S**

**TELEVISION VIEWING ON CHILDREN 'S COMPREHENSION OF COMMERCIALS**

Author: MATTHEWS, DENISE

Degree: PH.D.

Year: 1994

Corporate Source/Institution: UNIVERSITY OF FLORIDA (0070)

Source: VOLUME 56/11-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 4193. 174 PAGES

**FAMILY VIEWS: THE EFFECT OF TRAINING PARENTS TO MEDIATE THEIR CHILDREN'S  
TELEVISION VIEWING ON CHILDREN'S COMPREHENSION OF COMMERCIALS**

...effect of encouraging and training low-income parent/caretakers to mediate their preschool (age 5) child's television viewing on children's comprehension of television commercials was investigated. Children (n = 72) from eight Head Start classrooms were pretested for three levels of comprehension of television advertising: ability to discriminate between programs and commercials, understanding of the intent of commercial messages, and understanding the deceptive potential of commercials.

Subsequent to child pretesting, self-selected parent/caretaker and parent dyads (n = 45) attended a workshop about television viewing and were randomly assigned to a control or experimental workshop. Parents in the experimental treatment were encouraged and trained in mediating their child's understanding of commercials. Parents in the control treatment received information about children's viewing and discussed television violence. Two to three weeks subsequent to their parents' participation in one of these workshops, children were posttested.

Children of parents who participated in the experimental workshop demonstrated significantly greater time 1 to time 2 increases for two open-ended items that measured children's understanding of the intent of commercials than children of control workshop parents. Posttest responses indicated that children of experimental workshop parents accurately articulated intent of commercials to induce buying the product significantly more often than children of control workshop parents. No significant main effects or interaction effects for time by treatment were found for any of the other dependent measures.

Children's pretest ability varied widely among the three levels of commercial comprehension. Ability to discriminate...

...in articulating intent of commercials suggest that parents can be motivated to successfully apprentice their children in understanding television content and that they will be most effective when tapping comprehension within the child's zone of proximal development.

34/3,K/4 (Item 3 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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795631 ORDER NO: AAD82-27706

**THE RELATIONSHIP OF TELEVISION VIEWING, READING AND THE HOME  
ENVIRONMENT  
TO CHILDREN'S CREATIVITY, CREATIVE WRITING AND WRITING ABILITY**

Author: PEIRCE, CATHERINE LOUISE

Degree: PH.D.

Year: 1982

Corporate Source/Institution: THE UNIVERSITY OF TEXAS AT AUSTIN (0227)

Source: VOLUME 43/07-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2146. 133 PAGES

**THE RELATIONSHIP OF TELEVISION VIEWING, READING AND THE HOME  
ENVIRONMENT  
TO CHILDREN'S CREATIVITY, CREATIVE WRITING AND WRITING ABILITY**

The relationship of **television** viewing, reading and home environmental factors to **children** 's creativity, creative writing and writing ability was studied by surveying and testing 102 **children** aged 10 to 14. Each **child** completed a questionnaire asking about viewing habits, reading habits and interest in other after-school...

...Their parents were also given a questionnaire, asking many of the same questions as the **children** 's, in order to provide a check for the **children** 's answers. The **children** took Torrance's Tests of Creative Thinking and their scores, determined by guidelines set out...

...Creativity, creative writing and writing correlated positively with each other and with number of non- **text** book books read per month and with parental level of education. Number of different after-school activities engaged in during the week correlated positively with creativity. **Parent** behaviors-- **restricting** viewing hours and **programs** , reading to the **child** and watching and discussing **programs** with the **child** --correlated positively with creative writing and writing skill. **Television** viewing hours correlated negatively with all three and was found, through multiple regression, to be...

...high on creativity was being with friends, while those scoring low on creativity chose watching **television** , and that those scoring high on creativity, creative writing and writing are more likely to be average **viewers** (two to three hours a day) rather than light (zero to one hour a day) or heavy **viewers** (four or more hours a day).

34/3,K/5 (Item 1 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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06167514 SUPPLIER NUMBER: 60312172

Parents **try to filter out violent** messages **aimed at kids**

Mack, Kristen

Houston Chronicle, p 36

Sep 14, 2000

NEWSPAPER CODE: HC

DOCUMENT TYPE: -LINKS-; Newspaper article

LANGUAGE: English RECORD TYPE: ABSTRACT

Parents **try to filter out violent** messages **aimed at kids**

ABSTRACT: "Some of the violence portrayed in **movies** (today) causes a parody with our youth, who find what they view is a solution...

...on a daily basis," said [Manuel Rodriguez]. "The balance of reality and fiction displayed on **TV** is very fine." "I'm sure they've played Mortal Kombat and watched 'Beavis and Butthead'," Rodriguez said. "As parents, we should be a guidepost and **show** them what is good." Until the industry does begin policing itself, Rodriguez and [Althea Williams] said, it will be up to parents to screen their **children** 's entertainment.



34/3,K/6 (Item 2 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
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05575258

**Battle Begun on Internet Ad Blocking**

Flynn, Laurie J

New York Times, Sec C, p 1, col 2

Jun 7, 1999

ISSN: 0362-4331 NEWSPAPER CODE: NY

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

ABSTRACT: Known by such names as At Guard, Internet Junkbuster Proxy, Intermute and Web Washer, these **programs** work by **blocking** ads before they appear on the user's screen. For Web users, ad-**blocking** software can mean faster performance, because files that contain ads laden with graphics and animation take far longer to load than files with **text**. For Web site operators, though, ad blocking is anything but a benefit. Many executives of...

...the fundamental structure of the emerging Internet industry. Invariably, industry officials draw a comparison to **television**: If users want free Web content they, like network **television** viewers, will need to put up with the advertising that pays for it. Certainly a lot...

34/3,K/7 (Item 3 from file: 483)  
DIALOG(R)File 483:Newspaper Abs Daily  
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05456907

**You Ain't Seen Nothing Yet**

Wall Street Journal, Sec A, p 18, col 1

Mar 15, 1999

ISSN: 0099-9660 NEWSPAPER CODE: WSJ

DOCUMENT TYPE: Editorial; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

...ABSTRACT: should witness the fire lit under legislators by the cut-off of CBS and Fox **shows** to thousands of **viewers** getting their **TV** via home satellites. Until the hate mail began pouring in, Congress was paralyzed by its thrall to local **TV** broadcasters. Then programming from the major broadcast networks disappeared from 700,000 homes at the...

...a bill restoring network programming at least through the end of the year. Getting the **message**, the Big Four networks and DirecTV, largest of the satcasters, struck a **stopgap** deal to keep **viewers** plugged in until June 31. We won't rehearse the convoluted history of broadcast regulation

...to us an important chapter is drawing to a close. With the approach of digital **TV**, Congress will be hard-pressed to continue keeping the world safe for local station owners. Today's imbroglio dates from a bit of gimcrackery called the Satellite Home **Viewer** Act of 1988. It allows

satellite broadcasters to pick up an over-the-air signal...

...DESCRIPTORS: Satellite television ;

34/3,K/8 (Item 4 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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04822580

**R-Rated Rock Concerts? Marilyn Manson and Mom?**

Strauss, Neil

New York Times, Sec E, p 1, col 4

Dec 1, 1997

ISSN: 0362-4331 NEWSPAPER CODE: NY

DOCUMENT TYPE: Feature; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

**ABSTRACT:** In an attempt to save their businesses from complaining parents , restrictive legislation and increased police scrutiny, concert hall operators are considering a rating system for performances similar to those used for movies , television shows and recordings. They are evaluating proposals that range from an industrywide obscenity- warning label that would appear on tickets to movie -style ratings. A rating of G would denote tame fare, while an R would be assigned to risque hard-rock and rap concerts off limits to minors not accompanied by adults. "Do I think a rating system is needed? Yes," said Scott...  
?

File 344:Chinese Patents Abs Jan 1985-2006/Jan  
(c) 2006 European Patent Office  
File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)  
(c) 2007 JPO & JAPIO  
File 350:Derwent WPIX 1963-2007/UD=200738  
(c) 2007 The Thomson Corporation

Set	Items	Description
S1	423340	TV OR TELEVISION? ?
S2	4755317	PROGRAM? ? OR SHOW? ? OR SITCOM? ? OR MOVIE? ?
S3	717128	S2(3N)(BLOCK???? OR RESTRICT? OR FILTER??? OR HALT??? OR S- TOP???? OR DISABL? OR PROHIBIT?)
S4	87555	(PARENT??? OR ADULT? ? OR MOTHER? ? OR FATHER? ? OR USER? - ?)(3N)(CONTROL? OR BLOCK???? OR RESTRICT? OR MANAG????? OR G- UIDELINE? OR FILTER??? OR LOCK??? OR HALT??? OR STOP???? OR D- ISABL? OR PROHIBIT?)
S5	126662	VIEWER? ? OR CHILD OR CHILDREN OR ADOLESCENT? ? OR MINOR? ?
S6	1790	S5(3N)(BLOCK???? OR RESTRICT? OR HALT??? OR STOP???? OR DI- SABL? OR PROHIBIT?)
S7	1218038	MESSAGE? ? OR TEXT???
S8	6151	(CUSTOMI? OR PERSONALIZ? OR PERSONALIS? OR INDIVIDUAL? OR - SPECIFIED)(3N)S7
S9	61511	(DISPLAY? OR SHOW? OR PRESENT?)(3N)(S7 OR S8)
S10	1122343	PASSWORD? ? OR PIN OR IDENTIFIER? ? OR ID OR IDENTIFICATIO- N? ? OR CODE
S11	337	EMM OR ENTITLEMENT()MANAGEMENT()MESSAGE? ?
S12	144	V()CHIP? ? OR (VIOLENCE OR VIOLENT)()CHIP? ?
S13	2063	AU=(YAMAUCHI, A? OR YAMAUCHI A?)
S14	67	S13 AND (S3 OR S4 OR S6)
S15	38	S14 AND (S7 OR S8 OR S9)
S16	1	S15 AND S1
S17	5328	(S4 OR S6) AND S1
S18	3997	S17 AND S2
S19	228	S18 AND (S8 OR S9)
S20	0	S19 AND (S11 OR S12)
S21	44	S19 AND S5
S22	11	S21 AND S3
S23	10	S22 NOT S16
S24	3	S23 NOT AD=20010829:20070620/PR
S25	225	S19 AND S4
S26	70	S25 AND (S3 OR S6)
S27	29	S26 AND IC=G06F?
S28	1	S27 AND (CHILD OR CHILDREN OR ADOLESCENT? ? OR MINOR? ?)
S29	0	S28 NOT (S16 OR S24)
S30	184	S11 AND (S7 OR S8 OR S9)
S31	13	S30 AND (S4 OR S6)
S32	13	S31 NOT (S16 OR S24)
S33	6	S32 NOT AD=20010829:20070620/PR
S34	8	S12 AND (S7 OR S8 OR S9)
S35	8	S34 NOT (S16 OR S24 OR S33)
S36	4	S35 NOT AD=20010829:20070620/PR

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0013351597 - Drawing available

WPI ACC NO: 2003-439457/200341

XRPX Acc No: N2003-350653

**TV program view restriction method involves restricting display of acquired restricted program if receiver identification information matches with that of viewer receiver set**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: **YAMAUCHI A**

**Patent Family** (2 patents, 2 countries)

Patent                      Application

Number      Kind   Date   Number      Kind   Date   Update

US 20030046100   A1   20030306   US 200267238   A   20020207   200341   B

JP 2003069978   A   20030307   JP 2001259264   A   20010829   200341   E

Priority Applications (no., kind, date): JP 2001259264   A   20010829

#### **Patent Details**

Number      Kind   Lan   Pg   Dwg   Filing   Notes

US 20030046100   A1   EN   29   17

JP 2003069978   A   JA   34

**TV program view restriction method involves restricting display of acquired restricted program if receiver identification information matches with that of viewer receiver set**

#### **Original Titles:**

...View restriction method, view restriction setting method, receiver, and device and **programs** for setting view restriction

Inventor: **YAMAUCHI A**

**Alerting Abstract** ...A view restriction information (4) including the viewer receiver identification information (4a) associated with a **restricted program** (5), is broadcasted in a specific time range. The view restriction information is acquired at a viewer receiver (3). The display of **restricted program** is **restricted** if the received receiver identification information matches with that of the receiver set....view restriction setting method; receiver; view restriction setting device; view **restriction setting program** ; and Computer readable recording medium storing view restriction setting **program** .

...

...USE - For **restricting** view of **TV programs** that are prejudicial to **children** , such as **violent scene** end **excessive sex** depiction...  
...made by the viewers, there is no need to provide the function of releasing the **view restriction** using any password. Hence, children are prevented from viewing the view- **restricted program** due to leakage of password. Also a personal **message** from **parents** is **displayed** to **child** when the child attempts to **watch** the **parents** designated **restricted program** .

...

...DESCRIPTION OF DRAWINGS - The figure shows the **block diagram** of the **program restriction system**.

...

...5 restricted program

Title Terms/Index Terms/Additional Words: TELEVISION ;

**Original Publication Data by Authority**

Inventor name & address:

**YAMAUCHI ATSUSHI ...**

... Yamauchi, Atsushi

**Original Abstracts:**

A view restriction method surely blocks a program voluntarily designated by a viewer from view. When a restricted program is designated by the viewer (step S1), receiver identification information for identifying a receiver of a viewer is associated with the restricted program (step S2). View restriction information is broadcasted together with the restricted program in a broadcasting time range of the restricted program (step S3). At the receiver, the view restriction information is captured (step S4). At the receiver, display of the restricted program is restricted if the receiver identification information included in the view restriction information matches that set at the receiver (step S5).

**Claims:**

What is claimed is: **<b>1</b>**. A view restriction method for imposing view restriction on a program that is scheduled to be broadcasted or being broadcasted, comprising the steps of: associating receiver identification information for identifying a receiver of a viewer with a restricted program when the restricted program is designated by the viewer; broadcasting view restriction information including the receiver identification information associated with the restricted program together with the restricted program in a broadcasting time range of the restricted program; acquiring, at the receiver, the view restriction information broadcasted together with the restricted program; and restricting, at the receiver, display of the restricted program if the receiver identification information included in the view restriction information matches that set at the receiver.

?

24/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0011071932 - Drawing available

WPI ACC NO: 2002-007083/200201

XRPX Acc No: N2002-006173

**Digital satellite broadcast receiver turns off power supply switch to stop input of code when frequency of input of wrong code reaches predetermined value, while selecting restricted channel**

Patent Assignee: SANYO ELECTRIC CO LTD (SAOL)

Inventor: URAKOSHI A

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
JP 2001285822	A	20011012	JP 200093677	A	20000330	200201 B

Priority Applications (no., kind, date): JP 200093677 A 20000330

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes  
JP 2001285822 A JA 6 3

**Alerting Abstract ...NOVELTY** - A counter counts the input frequency of wrong code number when selecting **program** corresponding to **restrictions** set by a **user** . A CPU (13) turns off the power supply switch to stop input of code number...

**USE** - Used for receiving digital satellite **TV** broadcast signal...

...**ADVANTAGE** - The screen **displays** a **message** differs from usual screen when a mistaken code number is input continuously, hence a access of **restricted** channels, by **children** can be prevented...

...**DESCRIPTION OF DRAWINGS** - The figure **shows** the **block** diagram of the broadcast receiver. (Drawing includes non-English language text...

**24/3,K/2 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0010469770 - Drawing available

WPI ACC NO: 2001-069586/200108

Related WPI Acc No: 1996-393661

XRPX Acc No: N2001-052554

**Parental control exercising apparatus for TV receiver, displays text data describing story lines on monitor instead of respective video screens based on signal supplied through input unit**

Patent Assignee: INDEX SYSTEMS INC (INDE-N)

Inventor: KWOH D S; MANKOVITZ R J

**Patent Family** (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6115057	A	20000905	US 1995388025	A	19950214	200108 B
			US 1996698296	A	19960815	
			US 1997918547	A	19970822	

Priority Applications (no., kind, date): US 1996698296 A 19960815; US 1995388025 A 19950214; US 1997918547 A 19970822

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

US 6115057 A EN 36 32 Continuation of application US 1995388025

C-I-P of application US 1996698296

**Parental control exercising apparatus for TV receiver, displays text data describing story lines on monitor instead of respective video screens based on signal supplied...**

**Original Titles:**

Apparatus and method for allowing rating level control of the viewing of a program .

**Alerting Abstract** ...text data that describes story lines of respective video scenes, is separated for the received **TV** signal. The video scenes in **TV** signal are displayed in a monitor. The text data describing story lines is displayed on...

**DESCRIPTION** - An **INDEPENDENT CLAIM** is also included for **text data displaying method for monitoring TV program**.

...

...**USE** - For exercising **parental control** over **TV** viewing...

...**ADVANTAGE** - Enables **parents** to **control program** viewing by **children**. Facilitates selective display of video segments according to rating level. Enables **display** of **text** that describes blocked video segment...

...**DESCRIPTION OF DRAWINGS** - The figure **shows** the flowchart showing **program** viewing control process.

**Title Terms**.../Index Terms/Additional Words: **TELEVISION** ;

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

An apparatus is provided for allowing rating level control of the viewing of a **program**. The apparatus includes a device for entering a desired rating level for controlling the viewing of a **program**, a device for extracting rating data from a **program** video segment, the rating data indicating a rating level of the **program** video segment, and a device for extracting text data representative of the content of the **program** video segment from the **program** video segment. The apparatus includes a device for determining whether the extracted rating data indicates that the **program** video segment has an acceptable rating level for viewing with regard to the entered desired rating level and a device for blocking the playing of the **program** video segment if it is determined that the extracted rating data indicates that the **program** video segment has an unacceptable rating level for viewing with regard to the entered desired rating level. The apparatus further includes a device for substituting **display** of the extracted **text** data representative of the content of the **program** video segment for the **blocked program** video segment, if it is determined that the extracted rating data indicates that the **program** video segment has an unacceptable rating level for viewing with regard to the entered desired...

#### **Claims:**

An apparatus for exercising **parental control over a television** receiver **comprising** :means for receiving a **television** signal containing a **plurality** of video scenes and textual data describing story lines of the respective video scenes;means for separating the textual data from the video scenes; a **display** monitor;means for displaying the video scenes on the monitor;a user input device; andmeans responsive to the user input device for sequentially **displaying** the **textual** data describing the story lines on the monitor as a plurality of separate **screens** instead of the respective video scenes to apprise a user of the story lines of...

24/3,K/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0007768255 - Drawing available  
WPI ACC NO: 1996-393661/199639  
Related WPI Acc No: 2001-069586  
XRPX Acc No: N1996-331686

Parental control appts allowing TV viewing control for children -  
extracting rating level data from program and blocking signal if rating  
is unacceptable

Patent Assignee: INDEX SYSTEMS INC (INDE-N); KWOH D S (KWOH-I)  
Inventor: KWOH D S

Patent Family (3 patents, 68 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1996025821	A1	19960822	WO 1996US2167	A	19960214	199639 B
AU 199651327	A	19960904	AU 199651327	A	19960214	199705 E
			WO 1996US2167	A	19960214	
US 6226793	B1	20010501	US 1995388025	A	19950214	200126 E
			US 1996698296	A	19960815	
			US 2000546116	A	20000410	

Priority Applications (no., kind, date): US 2000546116 A 20000410; US  
1996698296 A 19960815; US 1995388025 A 19950214

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 1996025821 A1 EN 37 28

National Designated States,Original: AL AM AT AU AZ BB BG BR BY CA CH CN

CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG

MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN

Regional Designated States,Original: AT BE CH DE DK EA ES FR GB GR IE IT

KE LS LU MC MW NL OA PT SD SE SZ UG

AU 199651327 A EN PCT Application WO 1996US2167

Based on OPI patent WO 1996025821

US 6226793 B1 EN Continuation of application US

1995388025

Continuation of application US

1996698296

Parental control appts allowing TV viewing control for children -

...

...extracting rating level data from program and blocking signal if  
rating is unacceptable

#### Original Titles:

Apparatus and method for allowing rating level control of the viewing of a  
program .

...

...APPARATUS AND METHOD FOR ALLOWING RATING LEVEL CONTROL OF THE VIEWING  
OF  
A PROGRAM

Alerting Abstract ...The appts. for transmitting rated TV program



signals has a circuit for inserting rating data into a **program** video segment to indicate the rating of the **program** video segment. Text data, representative of the content of the **program** video segment, is inserted into the **program** video segment. The **program** video segment having the inserted rating data and the inserted text data is transmitted...

...the rating data and text data are inserted into the vertical blanking interval of the **program** video segment. The rating data includes PG, PG-13, R, or X. Two sets of...

...ADVANTAGE - Allows improved **parental control** of viewing, with **parent** selecting rating level that can be displayed.

Title Terms.../Index Terms/Additional Words: **TELEVISION** ; ...

... **CHILD** ; ...

... **PROGRAM** ;

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

An apparatus is provided for allowing rating level control of the viewing of a **program**. The apparatus includes a device for entering a desired rating level for controlling the viewing of a **program**, a device for extracting rating data from a **program** video segment, the rating data indicating a rating level of the **program** video segment, and a device for extracting text data representative of the content of the **program** video segment from the **program** video segment. The apparatus includes a device for determining whether the extracted rating data indicates that the **program** video segment has an acceptable rating level for viewing with regard to the entered desired rating level and a device for blocking the playing of the **program** video segment if it is determined that the extracted rating data indicates that the **program** video segment has an unacceptable rating level for viewing with regard to the entered desired rating level. The apparatus further includes a device for substituting **display** of the extracted **text** data representative of the content of the **program** video segment for the **blocked program** video segment, if it is determined that the extracted rating data indicates that the **program** video segment has an unacceptable rating level for viewing with regard to the entered desired...

...An apparatus (40) is provided for allowing rating level control of the viewing of a **program**. The apparatus includes a device for entering a desired rating level for controlling the viewing of a **program** (12), a device for extracting rating data from a **program** video segment (708), the rating data indicating a rating level of the **program** video segment, and a device for extracting text data representative of the content of the **program** video segment from the **program** video segment (708). The apparatus includes a device for determining whether the extracted rating data indicates that the **program** video segment has an acceptable rating level for viewing with regard to the entered desired rating level (748) and a device for blocking the playing of the **program** video segment if it is determined that the extracted rating data indicates that the **program** video segment has an unacceptable rating level for viewing with regard to the entered desired rating level (748). The apparatus further includes a

device for substituting **display** of the extracted **text** data representative of the content of the **program** video segment for the **blocked program** video segment ( 714 ), if it is determined that the extracted rating data indicates that the **program** video segment has an unacceptable rating level for viewing with regard to the entered desired rating level.

**Claims:**

An apparatus for allowing rating level control of the viewing of a **program**, the **apparatus** comprising: means for entering a desired rating level for controlling the viewing of a **program**; means for extracting **rating** data from a **program** video segment, the rating data **indicating** a rating level of the **program** video segment; means for extracting **text** data representative of the plot of **program** dependent narratives of the **program** video segment from the **program** video segment; means for determining whether the **extracted** rating data indicates that the **program** video segment has an acceptable rating level for viewing with regard to the entered desired rating level; means for **blocking** playing of the **program** video segment if it is determined that the extracted rating data **indicates** that the **program** video segment has an unacceptable rating level for viewing with regard to the entered desired rating level; and means for substituting **display** of the extracted **text** data representative of **program** dependent narratives of the plot of the **program** video segment for the **blocked program** video segment, if it is determined that the extracted rating data indicates that the **program** video segment has an unacceptable rating level for viewing with regard to the entered desired rating level.

?

**33/3,K/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0010388374 - Drawing available

WPI ACC NO: 2000-248472/200022

XRPX Acc No: N2000-186046

**Loading of conditional access rights to a pay television system**

Patent Assignee: THOMSON MULTIMEDIA (THOH); THOMSON MULTIMEDIA SA (THOH)

Inventor: GAUCHE L

**Patent Family (10 patents, 86 countries)**

Patent		Application		Update	
Number	Kind Date	Number	Kind Date	Update	
FR 2783335	A1 20000317	FR 199811327	A 19980911	200022	B
WO 2000016557	A1 20000323	WO 1999FR2174	A 19990913	200023	E
AU 199956276	A 20000403	AU 199956276	A 19990913	200034	E
EP 1112658	A1 20010704	EP 1999942958	A 19990913	200138	E
		WO 1999FR2174	A 19990913		
CN 1317204	A 20011010	CN 1999810817	A 19990913	200207	E
JP 2002525734	W 20020813	WO 1999FR2174	A 19990913	200267	E
		JP 2000570971	A 19990913		
EP 1112658	B1 20030507	EP 1999942958	A 19990913	200333	E
		WO 1999FR2174	A 19990913		
DE 69907699	E 20030612	DE 69907699	A 19990913	200346	E
		EP 1999942958	A 19990913		
		WO 1999FR2174	A 19990913		
ES 2198949	T3 20040201	EP 1999942958	A 19990913	200414	E
CN 1119898	C 20030827	CN 1999810817	A 19990913	200549	E

Priority Applications (no., kind, date): FR 199811327 A 19980911

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

FR 2783335 A1 FR 12 2

WO 2000016557 A1 FR

National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA  
CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH  
GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 199956276 A EN Based on OPI patent WO 2000016557

EP 1112658 A1 FR PCT Application WO 1999FR2174

Based on OPI patent WO 2000016557

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR  
IE IT LI LT LU LV MC MK NL PT RO SE SI

JP 2002525734 W JA 30 PCT Application WO 1999FR2174

Based on OPI patent WO 2000016557

EP 1112658 B1 FR PCT Application WO 1999FR2174

Based on OPI patent WO 2000016557

Regional Designated States,Original: DE ES FR GB IT

DE 69907699 E DE Application EP 1999942958

PCT Application WO 1999FR2174

Based on OPI patent EP 1112658

Based on OPI patent WO 2000016557

ES 2198949 T3 ES Application EP 1999942958

Based on OPI patent EP 1112658

**Alerting Abstract** ...Using data read from the card a configuration of filters is created to select the **Entitlement Management Message**. When the access card is withdrawn this configuration is stored (2) in memory external to...

...ADVANTAGE - Allows user easier management of a number of access cards to different suppliers using a shared decoder...

#### Original Publication Data by Authority

#### Original Abstracts:

...up a filter configuration for selecting, in the data flow received by the decoder, the **entitlement management messages ( EMM ) addressed to the inserted smart card**. The decoder further comprises a rights storage module (MD) capable of storing the...

...filter configuration when it has been erased, after the smart card has been removed. The **messages ( EMM ) addressed to the smart card** can therefore be selected and stored, even when the latter is no longer in...

...up a filter configuration for selecting, in the data flow received by the decoder, the **entitlement management messages ( EMM ) addressed to the inserted smart card**. The **decoder further** comprises a rights storage module (MD) capable of storing the configuration set up by the...

...filter configuration when it has been erased, after the smart card has

been removed. The messages ( EMM ) addressed to the smart card can therefore be selected and stored, even when the latter is no longer in the decoder...

...de filtre permettant de selectionner, dans le flux de donnees recu par le decodeur, les messages de gestion des droits ( EMM ) destines a la carte a puce inseree. Il comprend en outre un module de memorisation des droits (MD) qui est capable de memoriser la configuration mise en place par...

...filtre lorsque celle-ci est effacee, suite au retrait de la carte a puce. Les messages ( EMM ) destines a la carte a puce peuvent donc etre selectionnes et memorises, meme lorsqu'elle ne se trouve plus dans le decodeur.

**Claims:**

...10), das durch einen Serviceanbieter geliefert wird, Filtern (11, 111) zur Auswahl wenigstens einer Nachricht ( EMM ) fur die Verwaltung der Berechtigungen, die ein Benutzer fur einen durch den Serviceanbieter gelieferten Service hat, aus einem empfangenen Datenstrom (TS...

...Filterkonfiguration (C1, C2) in Abhangigkeit von dem empfangenen Identifikationsparameter (AD), derart, um eine erste Verwaltungsnachricht ( EMM ) zu wahlen, die fur das eingefuhrte Sicherheitselement (10) bestimmt ist, und c ) Ubertragung der ersten Nachricht ( EMM ) zu dem eingefuhrten Sicherheitselement, <br><b>gekennzeichnet durch:</b>ein Modul zur Speicherung der Berechtigungen ( MD ), das in der Lage ist fur: i) Speicherung der Filterkonfiguration (C1, C2), die <b>durch</b> das...

...die fur das Sicherheitselement geeignet ist, derart, um eine zweite Nachricht fur die Verwaltung der **Berechtigungen** (EMM) zu wahlen, die fur das Sicherheitselement vorgesehen sind, wenn das letztere herausgenommen wird, und iii) Speicherung der zweiten **Nachricht** (EMM) in einem Speicher (14) des Decoders.

...element (10) supplied by a service provider; filters (11, 111) intended to select at least one message (EMM) for managing entitlements which a user possesses with regard to a service supplied by the said provider from among a...

...control module (CA) capable of: a) receiving an identification parameter (AD) contained in the said **security element** (10) **inserted** into the said **decoder**; b) installing a filter configuration (C1, C2) as a function of the identification parameter (AD) received in such a way as to select a **first entitlement management message** (EMM) intended for the said inserted security element (10); and c) transmitting the said **first message** (EMM) to the said inserted security element; <b>characterized in that</b> it furthermore comprises: a module for storing entitlements (MD) capable of: i) storing said configuration of filters (C1, C2) which is **installed by the** access control module (CA); ii) reinstalling, following the erasure of the configuration of filters consequent upon the **removal** of the said security element, the stored configuration of filters which is appropriate to the said security element, in such a way as to select a **second entitlement management message** (EMM) intended for the said security element when the latter is removed; and iii) storing the

said second message (EMM) in a memory (14) of the said decoder...

... Decodeur (9) de systeme a acces conditionnel comprenant:au moins un dispositif (12, 112) destine a lire et/ou a ecrire des...

...fourni par un prestataire de service;des filtres (11, 111) destines a selectionner au moins un message (EMM) de gestion des droits qu'un utilisateur possede sur un service fourni par ledit...

...de filtre en fonction du parametre d'identification (AD) recu de facon a selectionner un premier message de gestion des droits (EMM) destine audit element de securite (10) insere; etc) transmettre ledit premier message (EMM) audit element de securite insere; <b>caracterise en ce qu'il comporte en outre:un...

...effacement de la configuration de filtres consecutive au retrait dudit element de securite, la configuration de filtres memorisee appropriee audit element de securite, de facon a selectionner un second message de gestion des droits (EMM) destine audit element de securite lorsque ce dernier est retire; etiii) memoriser ledit second message (EMM) dans une memoire (14) dudit decodeur.

33/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0010211029 - Drawing available  
WPI ACC NO: 2000-521788/200047  
XRPX Acc No: N2003-557265

**Conditional access system for pay broadcast management system has subscriber management system for selecting preset time to transmit entitlement management message and receive control message , which are sent to each receiver**

Patent Assignee: LG ELECTRONICS INC (GLDS)

Inventor: BAE G H; BAE K H; KIM I H

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
KR 1999060490	A	19990726	KR 199780717	A	19971231	200047 B
US 6584199	B1	20030624	US 1998222929	A	19981230	200367 ETAB
KR 252972	B1	20000415	KR 199780717	A	19971231	200124 E

Priority Applications (no., kind, date): KR 199780717 A 19971231

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
KR 1999060490	A	KO	6			
US 6584199	B1	EN	11	6		

...for pay broadcast management system has subscriber management system for selecting preset time to transmit entitlement management message and receive control message , which are sent to each receiver

...NOVELTY - A resource subscriber management system (RSMS) (10) selects a preset time to transmit entitlement management message ( EMM ) and receive control message (RCM), and transmits selected time to

each receiver through a satellite channel. A receiver (40) decodes **EMM** and RCM to detect an amount used by a user registered in a smart card...

**Title Terms.../Index Terms/Additional Words:** **MESSAGE** ;

**Original Publication Data by Authority**

**Original Abstracts:**

...subscriber management system (RSMS) for predetermining time(s) when to transmit an RCM and/or **EMM** for checking information on the amount used, informing each receiver of the time(s) via a satellite channel, and transmitting the RCM and/or **EMM** to each receiver at the predetermined time(s); and a receiver which is automatically turned on at a predetermined time to receive and decode the RCM and/or **EMM** and then transmit the information on the amount used to the RSMS and automatically turned off after completion of...

...for previously informing each receiver of a transmission time(s) for an RCM and/or **EMM** which are/is non-periodically transmitted at a predetermined time(s) via a satellite channel and transmitting the RCM and/or **EMM** ; and a receiver for storing the informed transmission time information, being automatically turned on if it is a time stored to receive and decode the RCM and/or **EMM** and transmit information on the amount used to the RSMS, and being automatically turned off after completing the transmission...

**Claims:**

...comprising: a resource subscriber management system for predetermining a first time period to transmit an **entitlement management message (EMM)** for checking whether or not a **decoder in a** receiving party is legal and a second time period to transmit a receive control **message (RCM)** for checking information on the amount used, **transmitting** the first and second time periods to each receiver via a satellite channel, and providing...

...receiving the first time period and second time period and decoding said RCM and/or **EMM** , checking whether or not a smart card is permitted, and transmitting information on the amount used by a user registered in the smart card to said resource subscriber **management system** and, at the same time, for decrypting said key value and generating a random-number using the...

**33/3,K/3 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0008632479 - Drawing available

WPI ACC NO: 1998-169495/199815

XRPX Acc No: N1998-134544

**Complementary conditional access method for TV programmes - using restored control word from conditional access programme to calculate control messages to form complementary entitlement management messages**

Patent Assignee: FRANCE TELECOM (ETFR); TELEDIFFUSION DE FRANCE SA (TELG)  
; FRANCE TELECOM SA (ETFR)

Inventor: VIGARIE J; VIGARIE J P

**Patent Family (9 patents, 20 countries)**

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1998008341	A1	19980226	WO 1997FR1502	A	19970819	199815 B
FR 2752655	A1	19980227	FR 199610302	A	19960820	199815 E
NO 199900738	A	19990419	WO 1997FR1502	A	19970819	199925 E
			NO 1999738	A	19990217	
EP 920777	A1	19990609	EP 1997937639	A	19970819	199927 E
			WO 1997FR1502	A	19970819	
US 6307939	B1	20011023	WO 1997FR1502	A	19970819	200165 E
			US 1999147700	A	19990219	
EP 920777	B1	20031126	EP 1997937639	A	19970819	200402 E
			WO 1997FR1502	A	19970819	
DE 69726429	E	20040108	DE 69726429	A	19970819	200411 E
			EP 1997937639	A	19970819	
			WO 1997FR1502	A	19970819	
CA 2263753	C	20051108	CA 2263753	A	19970819	200577 E
			WO 1997FR1502	A	19970819	
NO 321956	B1	20060731	WO 1997FR1502	A	19970819	200651 E
			NO 1999738	A	19990217	

Priority Applications (no., kind, date): FR 199610302 A 19960820

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1998008341	A1	FR	41	11		
National Designated States,Original: CA NO US						
Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT						
LU MC NL PT SE						
NO 199900738	A	NO			PCT Application	WO 1997FR1502
EP 920777	A1	FR			PCT Application	WO 1997FR1502
Based on OPI patent WO 1998008341						
Regional Designated States,Original: DE GB						
US 6307939	B1	EN			PCT Application	WO 1997FR1502
Based on OPI patent WO 1998008341						
EP 920777	B1	FR			PCT Application	WO 1997FR1502
Based on OPI patent WO 1998008341						
Regional Designated States,Original: DE GB						
DE 69726429	E	DE			Application	EP 1997937639
PCT Application WO 1997FR1502						
Based on OPI patent EP 920777						
Based on OPI patent WO 1998008341						
CA 2263753	C	FR			PCT Application	WO 1997FR1502
Based on OPI patent WO 1998008341						
NO 321956	B1	NO			PCT Application	WO 1997FR1502
Previously issued patent NO 9900738						

...using restored control word from conditional access programme to calculate control messages to form complementary entitlement management messages

**Alerting Abstract** ...which is contained in the rules of access of a primary conditional access system (SysA). **Entitlement management messages ( EMM )** are produced for the complementary system (SysB) and an electronic programme guide (EPG) is produced...

...The programme is re-transmitted unchanged with the same entitlement control **messages** (ECM) and **EMM**. As necessary, programme data and/or completion of the description of the offered programme the complementary ECM and complementary **EMM** is sent and as necessary the complementary EPG is re-transmitted...

**Title Terms.../Index Terms/Additional Words:** **MESSAGE** ;

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

...conditionally accessed a complementary conditional access. The method consists in the following steps: receiving a **message** by means (102A, 112) provided with access rights to a programme, restoring the control words, constituting complementary access control and access entitlement **messages** corresponding to a **complementary** access system and re-emitting the unmodified initial programme with, in addition, the complementary **messages** linked to the **complementary** access control. The invention is applicable in the field of television...

...by means provided with access entitlements and the control words are restored. Complementary access control **messages** and complementary **entitlement management messages** corresponding to a **complementary** access control system are built up. The initial unmodified television program is rebroadcast, together with the complementary **messages** related to the complementary access control system...

...conditionally accessed a complementary conditional access. The method consists in the following steps: receiving a **message** by means (102A, 112) provided with access rights to a programme, restoring the control words, constituting complementary access control and access entitlement **messages** corresponding to a complementary access system and re-**emitting** the unmodified initial programme with, in addition, the complementary **messages** linked to the complementary access control. The invention is applicable in the field of television.

#### **Claims:**

...ECM SysA), die Bedingungen zur Vermarktung des Programms ausdrücken, ein Nachrichtensystem zur Verwaltung der Zugangsrechte (**EMM** SysA), gebildet aus Daten, die die Verwaltung der von einem Benutzer erworbenen Rechte sicherstellen, gegebenenfalls eine Gruppe von Daten, die die angebotenen Dienste...

...zur Kontrolle von Zugangsrechten (ECM SysB) erstellt, man ein komplementäres Nachrichtensystem zur Verwaltung von Zugangsrechten (**EMM** SysB) produziert, das dem System zum komplementären bedingten Zugang (SysB) eigen ist, und gegebenenfalls eine komplementäre Gesamtheit (EPG SysB), die die Dienste **identifiziert**, welche im System zum komplementären bedingten Zugang (SysB) angeboten werden, man das Programm wieder aussendet...

...Nachrichtensystem zur Kontrolle von Zugangsrechten (ECM SysA) und seinem unveränderten Nachrichtensystem zur Verwaltung der Zugangsrechte (**EMM** SysA), sowie gegebenenfalls die Gesamtheit der anfänglichen

Fernsehprogramm Daten, die die angebotenen Dienste identifizieren und/oder die Beschreibung des Programmangebots (EPG SysA) vervollständigen, und dass man das komplementäre Nachrichtensystem zur Kontrolle von Zugangsrechten (ECM SysB) hinzufügt, das komplementäre Nachrichtensystem zur Verwaltung der Zugangsrechte (**EMM** SysB) sowie gegebenenfalls die



komplementäre Gesamtheit von Daten (EPG SysB), die dem komplementären System zum bedingten Zugang (SysB) eigen sind.

...

...SysA), the scrambling operation making use of cryptographic processing using control words (CW), entitlement control **messages** (SysA ECM) expressing the conditions for marketing the program, **entitlement management messages** (SysA EMM) composed of data managing entitlements acquired by the user, and possibly a set of data identifying services offered (PSI, SI) and/or extending the description of the program offer (EPG SysA), **<b>characterized by</b>** the fact that this program is received in means containing access entitlements corresponding to the first conditional access system (SysA), the control words (CW) used for scrambling are reproduced, complementary entitlement control **messages** (SysB ECM) are calculated starting from these reproduced control words (CW), taking account of the conditions of the complementary conditional access system (SysB), and complementary entitlement control **messages** are built up (SysB ECM), complementary **entitlement management messages** (SysB EMM) are produced specific to the complementary conditional access system (SysB), possibly together with a complementary set (SysB EPG) identifying services offered in the complementary conditional access system, the program is rebroadcast with its components unchanged, its **entitlement control messages** (SysA ECM) and its **entitlement management messages** (SysA EMM) unchanged, and possibly all initial television program data identifying offered services and/or adding to the description of offered programs (EPG SysA) and complementary entitlement control **messages** (SysB ECM), complementary **entitlement management messages** (SysB EMM), and possibly the set of complementary data (SysB EPG) specific to the complementary conditional access system (SysB), are added.

...

...exprimant des conditions de commercialisation du programme, une messagerie de gestion des titres d'accès (EMM SysA) constituée de données assurant la gestion des droits acquis par un usager, éventuellement, un...  
...contenant les droits d'accès correspondant au premier système d'accès conditionnel (SysA), on restitue les mots de contrôle (CW) ayant servi à l'embrouillage, à partir de ces mots de contrôle restitués (CW) on calcule des messages de contrôle de titres d'accès complémentaires (ECM SysB) en prenant en compte les conditions...

...d'accès (ECM SysB), on produit une messagerie complémentaire de gestion de titres d'accès (EMM SysB) propre au système d'accès conditionnel complémentaire (SysB) et, éventuellement, un ensemble complémentaire (EPG SysB) identifiant les services offerts dans le système d'accès conditionnel complémentaire (SysB), on reemet le programme avec ses composantes inchangées, sa messagerie de contrôle de titres d'accès (ECM SysA) et sa messagerie de gestion des titres d'accès (EMM SysA) inchangées et le cas échéant, l'ensemble des données du programme de télévision initial identifiant les services offerts et/ou complétant la description d'offre de programme (EPG SysA), et on y ajoute la messagerie complémentaire...

...de titres d'accès (ECM SysB), la messagerie complémentaire de gestion des titres d'accès (EMM SysB) et, le cas échéant, l'ensemble

complementaire de donnees (EPG SysB) propres au systeme complementaire d'accès conditionnel (SysB).

...Process for assigning a complementary conditional access to a television program already in conditional access, this television program initially comprising video and/or sound and...

...SysA), the scrambling operation making use of cryptographic processing using control words (CW), entitlement control messages (SysA ECM) expressing the conditions for marketing the program, entitlement management messages (SysA EMM) composed of data managing entitlements acquired by the user, and possibly a set of data...

...access system (SysA), the control words (CW) used for scrambling are reproduced, complementary access control messages (SysB ECM) are calculated starting from these reproduced control words (CW), taking account of the conditions of the complementary conditional access system (SysB), and complementary access control messages are built up (SysB ECM), complementary entitlement management messages (SysB EMM) are produced specific to the complementary conditional access system (SysB), possibly together with a complementary...

...complementary conditional access system, the program is rebroadcast with its components unchanged, its access control messages (SysA ECM) and its entitlement management messages (SysA EMM) unchanged, and possibly all initial television program data identifying offered services and/or adding to the description of offered programs, and complementary access control messages (SysB ECM), complementary entitlement management messages (SysB EMM), and possibly the set of complementary data (SysB EPG) specific to the complementary conditional access system (SysB), are added.>

33/3,K/4 (Item 4 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0008523406 - Drawing available

WPI ACC NO: 1998-055658/199806

XRPX Acc No: N1998-044161

**Smartcard controlled conditional access system - forwarding entitlements of each user in entitlement management messages including encryption algorithm key**

Patent Assignee: THOMSON CONSUMER ELECTRONICS INC (THOH); THOMSON MULTIMEDIA (THOH); THOMSON MULTIMEDIA SA (THOH)

Inventor: CAMPINOS A; FICHER J B; FISCHER J; FISCHER J B

Patent Family (8 patents, 20 countries)

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
EP 817485	A1	19980107	EP 1997401382	A	19970617	199806 B
FR 2750554	A1	19980102	FR 19968053	A	19960628	199809 E
JP 10164052	A	19980619	JP 1997170262	A	19970626	199835 E
US 6035038	A	20000307	US 1997884343	A	19970627	200019 E
EP 817485	B1	20020918	EP 1997401382	A	19970617	200269 E
DE 69715535	E	20021024	DE 69715535	A	19970617	200278 E

EP 1997401382 A 19970617  
CN 1171015 A 19980121 CN 1997113963 A 19970626 200325 E  
CN 1125564 C 20031022 CN 1997113963 A 19970626 200554 E

Priority Applications (no., kind, date): EP 1997401382 A 19970617; FR  
19968053 A 19960628

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

EP 817485 A1 EN 11 5

Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT  
LI LU MC NL PT SE

JP 10164052 A JA 7

EP 817485 B1 EN

Regional Designated States,Original: DE FR GB IT

DE 69715535 E DE Application EP 1997401382

Based on OPI patent EP 817485

**...forwarding entitlements of each user in entitlement management  
messages including encryption algorithm key**

**Alerting Abstract** ...The **entitlement management message (EMM)**  
allows the entitlements of a user to certain services to be defined. The  
**message** contains an item related to the electronically controlled good (IE  
(ECG) which is scrambled with...

...The **message** contains an item making it possible to validate the  
**message** and to verify that the entitlements which the latter contains are  
the entitlements reserved for the user. The item makes it possible to  
validate the **message** and to verify the entitlements which the latter  
contains being controlled by a key (KC). The **message** contains the key K  
of the algorithm for enciphering the control words...

**Title Terms.../Index Terms/Additional Words: MESSAGE ;**

#### Original Publication Data by Authority

#### Original Abstracts:

...encrypted with an algorithm with key K.</br> The entitlements of each  
user are forwarded in **messages** commonly denoted **EMM** (the abbreviation  
**EMM** standing for "**Entitlement Management Messages**").</br>  
According to the invention, the **key K** of the control words  
encryption algorithm is contained in the EMMs...

...a control word, only to those users who have acquired entitlements to  
these services. The **control word** is supplied in **Entitlement Control  
Messages (ECM)** after having been encrypted using a key. The **entitlements**  
of each user are forwarded in **Entitlement Management Messages**  
which contain the key. The conditional access system **verifies and  
validates** the ECM and **EMM** prior to processing the control word.

#### Claims:

1. **Message (EMM)** making it possible to define the entitlements (2)  
which a user possesses to a service consisting of...

...item (IE (ECG)) scrambled with the aid of control words (Cwi), the said  
control words being supplied to the user after having been enciphered  
by an algorithm with key K, the said **message (EMM)** containing an

item making it possible to validate this **message** and to verify that the entitlements which the latter contains are the entitlements reserved for the user, the said item making it possible to validate the **message** and to verify the entitlements which the latter contains being controlled by a key (KC), characterized in that the **message** contains the key K of the algorithm for enciphering the control words...

...Anwendung eines ersten Schlüssels (K) verschlüsselten Steuerworts, <b>gekennzeichnet durch</b> folgende Schritte: Liefern einer zweiten Nachricht ( **EMM** ) mit dem Benutzer und dem ersten Schlüssel (K) zugeordneten Berechtigungen, Validation und Prüfung der Zugriffsbedingungen für die Berechtigungen unter Anwendung eines zweiten Schlüssels (KC), wobei der zweite Schlüssel (KC)...

...aid of a control word (Cwi), said method comprising the step of: supplying a first **message** (ECM) containing access conditions associated with a **user** and said **control** word enciphered using a first key (K); <b>characterized by</b> the steps of: supplying a second **message** ( **EMM** ) containing entitlements associated with the **user** and said first key (K); validating and verifying said access conditions with respect to the entitlements using a second key (KC), said **second key** (KC) being different from said first key (K) and being individual to the user or...

...un mot de controle (CWi), ladite methode comprenant l'etape de: fourniture d'un premier **message** (ECM) contenant des conditions d'accès associees a un utilisateur et ledit mot de controle...

...en utilisant une premiere cle (K); <b>caracterisee par</b> les etapes de: fourniture d'un second **message** ( **EMM** ) contenant des droits associes a l' **utilisateur** et ladite premiere cle (K); validation et verification desdites conditions d'accès par rapport aux...

...ladite seconde cle (KC) etant differente de ladite premiere cle (K) et etant propre a l' **utilisateur** ou a un groupe d'utilisateurs...

...providing a control word for descrambling a received scrambled service comprises: means for receiving a **first** message, said **first** message containing data corresponding to access conditions associated with a **user** and said **control** word associated with said scrambled service, said **control** word being enciphered using a first key; means for validating said **first** message using a second key, said second key being different from said first key; means for receiving a **second** message, said **second** message containing data corresponding to entitlements associated with said **user**; means for validating said **second** message using a third key, wherein said second key is different from said third key; means for descrambling said scrambled control word in response to the validations of said first and **second** messages.

33/3,K/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0007740525 - Drawing available  
WPI ACC NO: 1996-364685/199637  
XRPX Acc No: N1996-307473

**Pay television method using smart card - receiving central broadcast information at master decoder which is used to update slave decoder at subscriber television receiver at regular intervals**

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); PHILIPS ELECTRONICS NV (PHIG); PHILIPS ELECTRONIQUE GRAND PUBLIC (PHIG); PHILIPS GLOEILAMPENFAB NV (PHIG); US PHILIPS CORP (PHIG)

Inventor: LE B J; LE BERRE J; PERSSON B

**Patent Family (7 patents, 6 countries)**

Patent Number	Kind	Application Date	Number	Kind	Date	Update
EP 726676	A1	19960814	EP 1996200196	A	19960129	199637 B
FR 2730372	A1	19960809	FR 19951449	A	19950208	199639 E
JP 8251569	A	19960927	JP 199620037	A	19960206	199649 E
US 5748732	A	19980505	US 1996605335	A	19960208	199825 E
EP 726676	B1	20000920	EP 1996200196	A	19960129	200047 E
DE 69610343	E	20001026	DE 69610343	A	19960129	200061 E
			EP 1996200196	A	19960129	
JP 3825495	B2	20060927	JP 199620037	A	19960206	200663 E

Priority Applications (no., kind, date): FR 19951449 A 19950208

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 726676	A1	FR	6	3		
Regional Designated States,Original: DE FR GB SE						
JP 8251569	A	JA	5			
US 5748732	A	EN	5			
EP 726676	B1	FR				
Regional Designated States,Original: DE FR GB SE						
DE 69610343	E	DE			Application	EP 1996200196
Based on OPI patent EP 726676						
JP 3825495	B2	JA	8		Previously issued patent	JP 08251569

#### **Original Publication Data by Authority**

##### **Original Abstracts:**

...card are arranged in a pay tv system, wherein the master decoder receives slave entitlement messages from a central management device and writes the slave entitlement messages to the slave smart cards when the slave smart cards are inserted in the master decoder. This ensures that the slave decoders are used within close proximity of the master...

##### **Claims:**

...d'usager a partir d'un dispositif de gestion central, qui engendre et emet des messages de gestion des titres d'accès, caracterise en ce que</br> - il est prevu en reception un decodeur...

...esclave, devant etre utilises dans une meme habitation,</br> - le dispositif de gestion central delivre un message de gestion des titres d'accès destine au decodeur maitre et qui est exploitable exclusivement par le decodeur maitre,</br> - ce message de gestion des titres d'accès, qui est protege par un moyen cryptographique, contient entre autres un numero d'identification du decodeur maitre...

...accès, y compris ceux d'un decodeur esclave,</br> - le decodeur

maitre, quand il recoit ce **message** , met en oeuvre un processus cryptographique en association avec la carte a puce, c'est-a-dire procede a l'authentification et au decryptage du **message** de gestion des titres d'accès, - et l'utilisateur place alors dans le decodeur maitre une carte a puce esclave, et le decodeur maitre y ...the air into each user smart card from a central management device which generates and **transmits entitlement management** messages, characterized in that a master decoder and at least one slave decoder are arranged at the receiver end, to be used in one and the same dwelling, the **central management device** supplies an **entitlement management** message which is intended for the master decoder and can be exploited only by the master decoder, **this entitlement management** message, which is protected by a cryptographic means, contains, inter alia, an identification **number of the** master decoder and data relating to the entitlements and comprising those of a slave decoder, the master decoder starts a **cryptographic process** in association with the smart card when it receives **this** message for authenticating and decrypting the **entitlement management** message, and **the** user then inserts a slave smart card into the master decoder and the master decoder writes the slave entitlements on said card.

...puce d'usager a partir d'un dispositif de gestion central, qui engendre et emet **des** messages de gestion des titres d'accès, caracterise en ce que il est prevu en...

...dit esclave, devant etre utilises dans une meme habitation, le dispositif de gestion central delivre un **message** de gestion des titres d' accès destine au decodeur maitre et qui est exploitable exclusivement par le decodeur maitre, ce **message** de gestion des titres d'accès, qui est protege par un moyen cryptographique, contient entre autres un numero d'identification du decodeur maitre et des donnees concernant les titres d' accès, y compris ceux d'un decodeur esclave, le decodeur maitre, quand il recoit ce **message**, met en oeuvre un processus cryptographique en association avec la carte a puce, c'est-a-dire procede a l'authentification et au decryptage du **message** de gestion des titres d'accès, et l'utilisateur place alors dans le decodeur maitre une carte a puce esclave, et le decodeur maitre y inscrit les titres d' accès esclaves.

s dwelling of a pay tv system, said master decoder for receiving an **entitlement** message from a central management device, said **entitlement** message containing data relating to the entitlements of a user **which** message can be exploited only by said master decoder and **which** message is protected by a cryptographic means and includes an identification code of the master...

...to the entitlements of at least one of said slave decoders; decrypting and authenticating said **entitlement** message at the master decoder; inserting the slave **smart** card into the master decoder; and writing the slave entitlements to the slave smart card.

33/3,K/6 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0007712987 - Drawing available  
WPI ACC NO: 1996-335762/199634

XRPX Acc No: N1996-283001

**Management message protection method e.g. for subscription television - separating messages which increase and reduce rights of user by filtering negative messages out of stream addressed to chip card**

Patent Assignee: THOMSON CONSUMER ELECTRONICS INC (THOH); THOMSON MULTIMEDIA (THOH); THOMSON MULTIMEDIA SA (THOH)

Inventor: DE V M; DE VITO M

**Patent Family** (6 patents, 5 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 723371	A1	19960724	EP 1996400070	A	19960111	199634 B
FR 2729521	A1	19960719	FR 1995464	A	19950117	199636 E
JP 8307850	A	19961122	JP 19965722	A	19960117	199706 E
EP 723371	B1	20020417	EP 1996400070	A	19960111	200227 E
DE 69620660	E	20020523	DE 69620660	A	19960111	200241 E
			EP 1996400070	A	19960111	
JP 3863587	B2	20061227	JP 19965722	A	19960117	200703 E

Priority Applications (no., kind, date): FR 1995464 A 19950117; EP 1996400070 A 19960111

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 723371	A1	FR	9	4		
Regional Designated States, Original: DE FR GB IT						
JP 8307850	A	JA	8			
EP 723371	B1	FR				
Regional Designated States, Original: DE FR GB IT						
DE 69620660	E	DE			Application	EP 1996400070
Based on OPI patent EP 723371						
JP 3863587	B2	JA	11		Previously issued patent	JP 08307850

**Management message protection method e.g. for subscription television...**

**...separating messages which increase and reduce rights of user by filtering negative messages out of stream addressed to chip card**

#### Original Titles:

...Procédé de protection des messages de gestion d'un système de contrôle d'accès et dispositif pour sa mise en...

...Procédé de protection des messages de gestion d'un système de contrôle d'accès et dispositif pour sa mise en...

**...METHOD FOR PROTECTING MANAGEMENT MESSAGE AND DEVICE FOR USING THE SAME**

**Alerting Abstract** ...The method involves sending service attribute messages (SA) at 1-second intervals to a circuit (1) which inserts a check word (CW). Another circuit (2) introduces the number (3) of negative management messages (EMMN) sent since the last access control message (ECM). The current check word is stored (4) for insertion (5) into the EMMN to...

...stored number of EMMNs and a circuit (7) calculates the compression of bytes in the message (EMM1) and one of four secret keys by a known .

hashing function. The other secret...

...to encryption circuits (8,9) and a compression calculation device (10) for the positive management message (EMMP)...

...ADVANTAGE - Implementation as chip card. Only messages correctly addressed to individual user are received. Messages are received at rate which is slow enough for processing.

Title Terms.../Index Terms/Additional Words: MESSAGE ;

#### Original Publication Data by Authority

#### Original Abstracts:

Management message protection method e.g. for subscription television<br> The method involves sending service attribute messages (SA) at 1-second intervals to a circuit (1) which inserts a check word (CW). Another circuit (2) introduces the number (3) of negative management messages (EMMN) sent since the last access control message (ECM). The current check word is stored (4) for insertion (5) into the EMMN to...

...stored number of EMMNs and a circuit (7) calculates the compression of bytes in the message (EMM1) and one of four secret keys by a known hashing function. The other secret...

...to encryption circuits (8,9) and a compression calculation device (10) for the positive management message (EMMP).

#### Claims:

1. Procédé de protection des messages de gestion d'un système de contrôle d'accès comportant des messages de gestion ( EMM ) spécifiques à chaque utilisateur, caractérise en ce que les messages de gestion ( EMM ) sont divisés en messages de gestion augmentant les droits de l'utilisateur appelés EMM positifs et en messages de gestion diminuant les droits de l'utilisateur appelés EMM négatifs, chaque type de messages étant traité différemment...

...die Steuernachrichten für die Berechtigung Nachrichten für die Zugriffssteuerung (ECM) enthalten, die Steuerdaten und Steuernachrichten ( EMM ) enthalten, die die speziellen Berechtigungen für einen Benutzer bestimmen und die zwischen zwei Nachrichten für...

...die eine Elementarperiode definieren, <br><b>gekennzeichnet durch</b></b>die Aufteilung der Steuernachrichten in Steuernachrichten, die die mit EMM -positiv bezeichneten Berechtigungen des Benutzer vergrößern, wobei diese positiven Steuernachrichten zu dem Benutzer mit einer...

...Nachrichten zu dem Benutzer übertragen werden, die für ihn bestimmt sind, Steuernachrichten, die die mit EMM -negativ bezeichneten Berechtigungen des Benutzers verringern, wobei diese negativen Steuernachrichten in einer gesicherten Weise zu  
Method of protection of authorisation management messages in an access control system wherein the authorisation management messages comprise access control messages (ECM) comprising control data and management messages (EMM) determining the specific rights of a user inserted between two access control



messages determining an elementary period <b>characterized in that</b> it comprises the division of the **management** messages into : **management** messages increasing the user rights called **positive** EMM, these positive **management** messages being sent to the user at a first rate through a means transmitting to the user only the **addressed** messages, and **management** messages decreasing the user rights called **negative** EMM, these negative **management** messages being sent to user in a secure manner at a second rate lower than...

...Procède de gestion des messages de gestion d'autorisation d'un système de contrôle d'accès dans lequel les messages de gestion d'autorisation comportent des messages de contrôle d'accès (ECM) comprenant des données de contrôle et des messages de gestion (EMM) déterminant des droits spécifiques à un utilisateur insérés entre deux messages de contrôle d'accès (ECM) définissant une période élémentaire, <b>caractérise en ce qu'il</b> comporte la division des messages de gestion en : messages de gestion augmentant les droits de l'utilisateur appelés EMM-positifs, ces messages de gestion positifs étant envoyés vers l'utilisateur à une première vitesse à travers un moyen permettant de ne transmettre à l'utilisateur que les messages qui lui sont adressés, messages de gestion diminuant les droits de l'utilisateur appelés EMM-négatifs, ces messages de gestion négatifs étant envoyés de manière sécurisée vers l'utilisateur à une seconde...

?

**36/3,K/1 (Item 1 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
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0012949552 - Drawing available  
 WPI ACC NO: 2003-026413/200302  
**Automatic television on/off system**  
 Patent Assignee: KIM C E (KIMC-I)  
 Inventor: KIM C E  
**Patent Family (1 patents, 1 countries)**  

Patent	Application
Number	Kind Date Number Kind Date Update
KR 2002050679	A 20020627 KR 200079954 A 20001221 200302 B

Priority Applications (no., kind, date): KR 200079954 A 20001221

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
KR 2002050679	A	KO	1	10		

**Alerting Abstract DESCRIPTION** - Control signals for controlling TV, caption, text and data signals are encoded by an encoder and loaded on a carrier or video...

...a TV control signal. A single decoder has an automatic TV ON/OFF function, a **V - CHIP** function, a language decoding function, a one-click reservation function and information transmission function.

**36/3,K/2 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
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0012897729 - Drawing available  
WPI ACC NO: 2002-757306/200282

**Automatic tv on/off system**

Patent Assignee: KIM C E (KIMC-I)

Inventor: KIM C E

**Patent Family** (1 patents, 1 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
KR 2002045704	A	20020620	KR 200074992	A	20001209	200282 B

Priority Applications (no., kind, date): KR 200074992 A 20001209

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
KR 2002045704	A	KO	1	10		

**Alerting Abstract DESCRIPTION** - Control signals for controlling TV, caption, text and data signals are encoded by an encoder and loaded on video and audio signals...

...volume and provide information. A single decoder has an automatic TV ON/OFF function, a V - CHIP function, a language decoding function, one-click reservation function and information transmission function.

**36/3,K/3 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0012340431 - Drawing available  
WPI ACC NO: 2002-282577/200233

Related WPI Acc No: 2002-255265

XRPX Acc No: N2002-220717

**Display interface for television receiver, displays status information corresponding to channel indicator at cursor position on channel matrix, based on which channels are selected**

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: CURRERI M R; KURELY M R

**Patent Family** (9 patents, 29 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
EP 1143717	A2	20011010	EP 2001102900	A	20010215	200233 B
CN 1315805	A	20011003	CN 2001104381	A	20010228	200233 E
JP 2001339650	A	20011207	JP 2001103973	A	20010402	200233 E
JP 3560558	B2	20040902	JP 2001103973	A	20010402	200458 E
US 6817027	B1	20041109	US 2000541120	A	20000331	200474 E
CN 1157941	C	20040714	CN 2001104381	A	20010228	200626 E
EP 1143717	B1	20060913	EP 2001102900	A	20010215	200661 E
DE 60122958	E	20061026	DE 60122958	A	20010215	200672 E
			EP 2001102900	A	20010215	
DE 60122958	T2	20070208	DE 60122958	A	20010215	200713 E

EP 2001102900 A 20010215

Priority Applications (no., kind, date): US 2000541120 A 20000331; EP 2001102900 A 20010215

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

EP 1143717 A2 EN 19 9

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR  
IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2001339650 A JA 17

JP 3560558 B2 JA 19 Previously issued patent JP 2001339650

EP 1143717 B1 EN

Regional Designated States,Original: DE FR GB

DE 60122958 E DE Application EP 2001102900

Based on OPI patent EP 1143717

DE 60122958 T2 DE Application EP 2001102900

Based on OPI patent EP 1143717

**Original Publication Data by Authority**

**Original Abstracts:**

...channel selection or to display channel status such as including minor channels or having certain **V - chip** ratings. A desired channel may be selected by navigating a cursor across the rows and...

...channel selection or to display channel status such as including minor channels or having certain **V - chip** ratings. A desired channel may be selected by navigating a cursor across the rows and...

**Claims:**

...columns and m rows for displaying a plurality of channel indicators exclusive of any other text or graphic information for at most nxm channels, where n and m are positive integers...

**36/3,K/4 (Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0011046973 - Drawing available

WPI ACC NO: 2001-251215/200126

XRPX Acc No: N2001-179542

**Television with built-in video recorder, has controller which reads decision result from memory and blocks screen according to read decision result, when special playback mode is enabled**

Patent Assignee: FUNAI DENKI KK (FUNA-N); FUNAI ELECTRIC CO LTD (FUNA-N)

Inventor: YOKOTA S

**Patent Family (3 patents, 2 countries)**

Patent Application

Number Kind Date Number Kind Date Update

JP 2001045456 A 20010216 JP 1999211619 A 19990727 200126 B

JP 3413831 B2 20030609 JP 1999211619 A 19990727 200345 E

US 6839090 B1 20050104 US 2000621735 A 20000721 200503 E

Priority Applications (no., kind, date): JP 1999211619 A 19990727

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

JP 2001045456 A JA 6 5

JP 3413831 B2 JA 6 Previously issued patent JP 2001045456

**Alerting Abstract** ...figure shows the block diagram of video integrated TV. (The figure includes non-English language **text** ).

**Original Publication Data by Authority****Original Abstracts:**

A video reproduction apparatus includes a video player **<b>3 </b>**which reproduces a video signal, a **V - chip** signal for restricting a **display of** a specific image being added to the video signal; a video processing circuit **<b>5 </b>**which...

...processed by the video processing circuit **<b>5</b>**; a control section **<b>10 </b>**which reads out the **V - chip** signal and judges whether a screen is to be blocked or not; and a **memory <b>11 </b>**which stores a result of the judgment. When a mode is transferred to a special...

**Claims:**

What is claimed is: 1. A video reproduction apparatus, comprising: means for reading a **V - chip** signal added to a video signal for **restricting** a display of a specific image; means for judging whether a screen is to be blocked...

?

File 9:Business & Industry(R) Jul/1994-2007/Jun 15  
(c) 2007 The Gale Group

File 15:ABI/Inform(R) 1971-2007/Jun 20  
(c) 2007 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2007/Jun 15  
(c) 2007 The Gale Group

File 20:Dialog Global Reporter 1997-2007/Jun 20  
(c) 2007 Dialog

File 47:Gale Group Magazine DB(TM) 1959-2007/Jun 08  
(c) 2007 The Gale group

File 75:TGG Management Contents(R) 86-2007/Jun W2  
(c) 2007 The Gale Group

File 80:TGG Aerospace/Def.Mkts(R) 1982-2007/Jun 18  
(c) 2007 The Gale Group

File 88:Gale Group Business A.R.T.S. 1976-2007/Jun 14  
(c) 2007 The Gale Group

File 98:General Sci Abs 1984-2007/Jun  
(c) 2007 The HW Wilson Co.

File 112:UBM Industry News 1998-2004/Jan 27  
(c) 2004 United Business Media

File 141:Readers Guide 1983-2007/Apr  
(c) 2007 The HW Wilson Co

File 148:Gale Group Trade & Industry DB 1976-2007/Jun 18  
(c)2007 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2007/Jun 18  
(c) 2007 The Gale Group

File 264:DIALOG Defense Newsletters 1989-2007/Jun 18  
(c) 2007 Dialog

File 484:Periodical Abs Plustext 1986-2007/Jun W3  
(c) 2007 ProQuest

File 553:Wilson Bus. Abs. 1982-2007/Jun  
(c) 2007 The HW Wilson Co

File 570:Gale Group MARS(R) 1984-2007/Jun 18  
(c) 2007 The Gale Group

File 608:KR/T Bus.News. 1992-2007/Jun 20  
(c)2007 Knight Ridder/Tribune Bus News

File 620:EIU:Viewswire 2007/Jun 19  
(c) 2007 Economist Intelligence Unit

File 613:PR Newswire 1999-2007/Jun 20  
(c) 2007 PR Newswire Association Inc

File 621:Gale Group New Prod. Annou.(R) 1985-2007/Jun 18  
(c) 2007 The Gale Group

File 623:Business Week 1985-2007/Jun 20  
(c) 2007 The McGraw-Hill Companies Inc

File 624:McGraw-Hill Publications 1985-2007/Jun 06  
(c) 2007 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2007/Jun 19  
(c) 2007 San Jose Mercury News

File 635:Business Dateline(R) 1985-2007/Jun 20  
(c) 2007 ProQuest Info&Learning

File 636:Gale Group Newsletter DB(TM) 1987-2007/Jun 18  
(c) 2007 The Gale Group

File 647:CMP Computer Fulltext 1988-2007/Sep W1  
(c) 2007 CMP Media, LLC

File 696:DIALOG Telecom. Newsletters 1995-2007/Jun 19

(c) 2007 Dialog

File 674:Computer News Fulltext 1989-2006/Sep W1

(c) 2006 IDG Communications

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

Set Items Description

S1 8751915 TV OR TELEVISION? ?

S2 30499214 PROGRAM? ? OR SHOW? ? OR SITCOM? ? OR MOVIE? ?

S3 202856 S2(3N)(BLOCK???? OR RESTRICT? OR FILTER??? OR HALT??? OR S-  
TOP???? OR DISABL? OR PROHIBIT?)

S4 821016 (PARENT??? OR ADULT? ? OR MOTHER? ? OR FATHER? ? OR USER? -  
?)(3N)(CONTROL? OR BLOCK???? OR RESTRICT? OR MANAG????? OR G-  
UIDELINE? OR FILTER??? OR LOCK??? OR HALT??? OR STOP???? OR D-  
ISABL? OR PROHIBIT?)

S5 9262621 VIEWER? ? OR CHILD OR CHILDREN OR ADOLESCENT? ? OR MINOR? ?

S6 114216 S5(3N)(BLOCK???? OR RESTRICT? OR HALT??? OR STOP???? OR DI-  
SABL? OR PROHIBIT?)

S7 7909825 MESSAGE? ? OR TEXT???

S8 67544 (CUSTOMI? OR PERSONALIZ? OR PERSONALIS? OR INDIVIDUAL? OR -  
SPECIFIED)(3N)S7

S9 166275 (DISPLAY? OR SHOW? OR PRESENT?)(3N)(S7 OR S8)

S10 5848295 PASSWORD? ? OR PIN OR IDENTIFIER? ? OR ID OR IDENTIFICATIO-  
N? ? OR CODE

S11 20584 EMM OR ENTITLEMENT()MANAGEMENT()MESSAGE? ?

S12 12878 V()CHIP? ? OR (VIOLENCE OR VIOLENT)()CHIP? ?

S13 61 AU=(YAMAUCHI, A? OR YAMAUCHI A?)

S14 0 S13 AND (S4 OR S6)

S15 23043 (S4 OR S6)(S)S1

S16 1218 S15(S)S3

S17 1 S16(S)(S8 OR S9)

S18 0 S17 NOT PY=>2002

S19 78 S15(S)(S8 OR S9)

S20 75 S19(S)S4

S21 2 S20(S)S6

S22 2 S21 NOT PY=>2002

S23 1 RD (unique items)

S24 0 S23 NOT HEALTH

S25 3 S19(S)(S11 OR S12)

S26 2 S25 NOT PY=>2002

S27 1 RD (unique items)

S28 11992 S4(S)S6

S29 333 S28(S)S3

S30 56 S29(S)S1

S31 4 S30(S)(S7 OR S8 OR S9)

S32 4 S31 NOT (S23 OR S27)

S33 4 S32 NOT PY=>2002

S34 2 RD (unique items)

S35 1 S34 NOT BOOK

S36 173 S11(S)(S7 OR S8 OR S9)

S37 0 S36(S)(S3 OR S4 OR S6)

S38 2 S36(S)S1

S39 2 S38 NOT (S23 OR S27 OR S34)

S40 0 S39 NOT PY=>2002  
S41 68 S12(7N)(S7 OR S8 OR S9)  
S42 25 S41(S)S5  
S43 25 S42 NOT (S23 OR S27 OR S34)  
S44 21 S43 NOT PY=>2002  
S45 12 RD (unique items)

**35/3,K/1 (Item 1 from file: 608)**

DIALOG(R)File 608:KR/T Bus.News.

(c)2007 Knight Ridder/Tribune Bus News. All rts. reserv.

06576634 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Amid Debate Over Internet Content, Parents are Left to Find Answers**

Chris Judson

South Bend Tribune Ind

August 03, 1998

DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH

WORD COUNT: 1025

...TEXT: this free exchange of ideas. Their answer for the people of America are disclaimers and **filters** : Put an "**Adults Only**" sign on all mature content sites and hope that software will act as "Big...

...organized according to subject or "threads." Participants in the newsgroups can post files such as **text** , screen savers or other images.

Web sites are places where **text** and images have been posted by individuals or groups. For the most part, anyone can...

...V" chip is about to makes its presence known. The electronic device, which is to **block** violent **shows** from **children** , will be in all new **TV** sets by January 2000.

Internet filters work much like that. Most Internet filters -- software like...

...can only access sites that have been cleared by the company.

Most of the software **filter** companies allow **users** to receive regular updates without charge or for a subscription fee. A last way of...  
?

**45/3,K/1 (Item 1 from file: 9)**

DIALOG(R)File 9:Business & Industry(R)

(c) 2007 The Gale Group. All rts. reserv.

00964086 Supplier Number: 23531981 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**EC tones down Parliament's ad restrictions on new media**

**(European Commission drops some extreme restrictions on European commercial TV demanded by European Parliament in latest TV Without Frontiers directive version)**

Euromarketing, v IX, n 37, p 2

May 28, 1996

DOCUMENT TYPE: Newsletter ISSN: 0952-3820 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 308

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...lawyer specializing in media and marketing law, says. "This amendment is absurd."

The protection of **minors** is still a hot issue. The commission has adopted parliament's idea to introduce a **V - chip**. The new **text** recommends launching a feasibility study into the home censorship device.  
Advertising and programming aimed at...

**45/3,K/2 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2007 The Gale Group. All rts. reserv.

09495527 Supplier Number: 66297701 (USE FORMAT 7 FOR FULLTEXT)

**FCC COVERS LITTLE NEW GROUND ON CHILDREN'S PROGRAMMING.**

Public Broadcasting Report, v19, n21, pNA

Oct 20, 2000

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 625

... positions discussed were predictable. "Sacrificing our beloved First Amendment is not the answer" to solving **children's** TV problem, Comr. Ness said. She said parents must "assume personal responsibility," but key...

...to make it easier for consumers to make choices," he said, citing program labeling and **V - chips**.

Images and **messages** being distributed by media are "disturbing," Comr. Furchtgott-Roth said, but they aren't limited...

**45/3,K/3 (Item 2 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2007 The Gale Group. All rts. reserv.

08031018 Supplier Number: 66158005 (USE FORMAT 7 FOR FULLTEXT)

**FCC EN BANC COVERS LITTLE NEW GROUND ON CHILDREN'S PROGRAMMING.(Government**

**Activity)**

Communications Daily, v20, n201, pNA

Oct 17, 2000

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 627

... positions discussed were predictable. "Sacrificing our beloved First Amendment is not the answer" to solving **children's** TV problem, Comr. Ness said. She said parents must "assume personal responsibility," but key...

...to make it easier for consumers to make choices," he said, citing program labeling and **V - chips**.

Images and **messages** being distributed by media are "disturbing,"



Comr. Furchtgott-Roth said, but they aren't limited...

**45/3,K/4 (Item 3 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2007 The Gale Group. All rts. reserv.

05448456 Supplier Number: 48259723 (USE FORMAT 7 FOR FULLTEXT)

**brave new TV world**

Azoulay, Julia Fein

Children's Business, p48

Feb, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2697

... suggest that F/V programming and product is on the way out, while educational, interactive, **child** -friendly TV characters will soon be the darlings of the marketplace. The F/V is...

...political leaders will ask themselves 'Did Company X do a responsible job in marketing to **children** ?' That's the line in the sand. People have to understand that higher quality **children** 's programming has become a political issue, one that resonates highly in the public mind. It's an issue that's not going away,' he adds. The introduction of the **V - chip** into the marketplace will drive the **message** home even further, notes David Moulton of Congressman Markey's office. Predicting FCC approval of...  
...the FCC to pay more attention to the enforcement of caps' on advertising minutes during **children** 's programming, according to Moulton. The CTA says that the education of **children** is a statutory obligation upon which the broadcasters' license depends. It sets down a marker...

**45/3,K/5 (Item 4 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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03330350 Supplier Number: 44606251 (USE FORMAT 7 FOR FULLTEXT)

**Untitled Article**

Television Digest, pN/A

April 18, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 187

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...flight out of N.Y.C. was cancelled by weather, and read from his prepared **text** . She said critics of separate **V - chip** proposals "may cry censorship or feel they do not go far enough. I disagree with both." Kamil said chip would allow **viewers** to "make better informed decisions for themselves and for their families" and is similar to...

...System would "actually liberate programming options rather than censor or limit them," she said, because **viewers** ' ability to shut out programming would result in "less need to restrict content." Kamil also...

**45/3,K/6 (Item 1 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2007 The Gale group. All rts. reserv.

05217775 SUPPLIER NUMBER: 21043684 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Political theology on the right and left.(new book 'The Bully Pulpit'  
discussed)**

Williams, Rhys H.

The Christian Century, v115, n21, p722(3)

July 29, 1998

ISSN: 0009-5281 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2319 LINE COUNT: 00198

... they receive them. A consistent finding by those who study television evangelism is that many **viewers** watch these programs for the "religion," but have their own internal "**V - chip**" that screens out political **messages**. So while clergy consistently see a part of their political role as "cue-giving," we...

**45/3,K/7 (Item 1 from file: 88)**

DIALOG(R)File 88:Gale Group Business A.R.T.S.

(c) 2007 The Gale Group. All rts. reserv.

05295890 SUPPLIER NUMBER: 58436109

**Preaching to the Choir: Profiling TV Advisory Ratings Users.**

Abelman, Robert

Journal of Broadcasting & Electronic Media, 43, 4, 529

Fall, 1999

ISSN: 0883-8151 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 10397 LINE COUNT: 00970

... most media industry interventions--CDs with parental discretionary warning labels, movie rating listings, TV advisory **messages**, **V - chip** instillation--is that they be used by parents to restrict **children**'s consumption of objectional content (see Ostling, 1997). This was not the case. Although these parents' inclination is to physically remove their **children** from the medium in the form of specific viewing hours and the forbidding of specific...

...information, they were merely moderate mediators. The literature would suggest that the nature of their **children** (i.e., moderate-to-high TV consumers, academically average, learning disabled) played a significant role...

...likely that these tools would also heighten these high sensitizing fathers' vigilance in restricting their **children**'s televiewing. This, of course, is speculation and requires additional research.

There are several limitations...

**45/3,K/8 (Item 2 from file: 88)**

DIALOG(R)File 88:Gale Group Business A.R.T.S.

(c) 2007 The Gale Group. All rts. reserv.

05170979 SUPPLIER NUMBER: 55129337

**How and Why Parents Take on the Tube.**

Austin, Erica Weintraub; Bolls, Paul; Fujioka, Yuki; Engelbertson, Jason  
Journal of Broadcasting & Electronic Media, 43, 2, 175  
Spring, 1999

ISSN: 0883-8151 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8060 LINE COUNT: 00751

**TEXT:**

...States Congress, society has taken it upon itself to control and censor information available to **children**. Whether via stories, regulations or **V - chips**, adults have tried to protect **children** from **messages** that might damage or threaten (Meyrowitz, 1985; Tatar, 1991). Nevertheless, the ubiquitous nature of television has made it more difficult to limit **children**'s access to ideas with which their caregivers might disagree (Austin, 1993; Meyrowitz, 1985). Because...

...other routes of parental influence take on increased importance. Scholarly understanding of such influences on **children**'s interpretations and uses of media content, however, remains limited. The purpose of this study is to examine parent- **child** interaction regarding television from the perspective of the parent in an effort to better understand...

**45/3,K/9 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2007 The Gale Group. All rts. reserv.

07253846 SUPPLIER NUMBER: 15425207 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Two separate efforts. (monitoring television violence)**

Television Digest, v34, n16, p6(1)

April 18, 1994

ISSN: 0497-1515 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 201 LINE COUNT: 00015

**TEXT:**

...they do not go far enough: I disagree with both." Kamil said chip would allow **viewers** to "make better informed decisions for themselves and for their families" and is similar to...

...System would "actually liberate programming options rather than censor or limit them," she said, because **viewers**' ability to shut out programming would result in "less need to restrict content." Kamil also...

**45/3,K/10 (Item 1 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)

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0676476 96-33642

**Is technology clamping down on us?**

Day, Bill

Business Record-Des Moines IA (Des Moines, IA, US), V92 N8 p6

PUBL DATE: 960219

WORD COUNT: 972

DATLINE: Des Moines, IA, US, Midwest

TEXT:

...the V-chip will work: Each TV broadcast in the near future will carry coded messages unseen and unheard by viewers. The V - chip, inserted in every set, can be programmed to decode the messages. If the message indicates...

**45/3,K/11 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2007 The Gale Group. All rts. reserv.

04806909 Supplier Number: 66158005 (USE FORMAT 7 FOR FULLTEXT)

**FCC EN BANC COVERS LITTLE NEW GROUND ON CHILDREN'S PROGRAMMING.**

Communications Daily, v20, n201, pNA

Oct 17, 2000

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 585

... positions discussed were predictable. "Sacrificing our beloved First Amendment is not the answer" to solving children's TV problem, Comr. Ness said. She said parents must "assume personal responsibility," but key...

...to make it easier for consumers to make choices," he said, citing program labeling and V - chips.

Images and messages being distributed by media are "disturbing," Comr. Furchtgott-Roth said, but they aren't

**45/3,K/12 (Item 1 from file: 696)**

DIALOG(R)File 696:DIALOG Telecom. Newsletters

(c) 2007 Dialog. All rts. reserv.

00747201

hmn. Kennard and Comr. Tristani again said children must be protected, but other commissioners repeatedly cited First Amendment concerns. Tristani said she was reluctant to even participate in hearing because Commission wasn't devoting enough time to issue, and she doubted its effectiveness, saying she feared she was "here to watch a play that I know by heart." In one of few potential position changes discussed at hearing, Center for Media Education (CME) Pres. Kathryn Montgomery said her group was considering supporting idea of broadcasters paying others to meet their children's programming requirements. She said she was speaking for her group only and had just begun discussing it with coalition partners. CME had opposed payments in past because of fears they would be too small, Montgomery said, but "we need to find a way to help" public TV. She said if payments could be "meaningful," so-called play-or-pay "could be valuable." Virtually all other positions discussed were predictable. "Sacrificing our beloved First Amendment is not the answer" to solving children's TV problem, Comr. Ness said. She said parents must "assume personal responsibility," but key is making more information readily available. Comr. Powell, who also said he was "very reluctant" to regulate content, said improved electronic program guide technology could help make more information available to paren

ts. "It does make sense to make it easier for \consumers to make choices," he said, citing program labeling and \ V - chips . Images and messages being distributed by media are \"disturbing," Comr. Furchtgott-Roth said, but they aren't limited \to TV. He said there "has to be another answer" rather than \content controls, particularly on TV alone: "To the extent that \broadcasters ever had any inescapable influence, those days are \long gone." Powell said amount of quality programming for \ children actually was growing, but it tended to be on cable and \satellite, which don't have public interest obligations that FCC \is considering. He didn't get ready answer to why such \programming was on subscription TV rather than broadcast. \

WARREN'S CABLE REGULATION MONITOR  
October 23, 2000 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: WARREN PUBLISHING INC.  
LANGUAGE: ENGLISH WORD COUNT: 91 RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

hmn. Kennard and Comr. Tristani again said children must be protected, but other commissioners repeatedly cited First \Amendment concerns. Tristani said she was...

...Montgomery said her group \was considering supporting idea of broadcasters paying others to \meet their children 's programming requirements. She said she was \speaking for her group only and had just...

...positions discussed were predictable. \"Sacrificing our beloved First Amendment is not the answer" to \solving children 's TV problem, Comr. Ness said. She said parents \must "assume personal responsibility," but key...

...to make it easier for \consumers to make choices," he said, citing program labeling and \ V - chips . Images and messages being distributed by media are \"disturbing," Comr. Furchtgott-Roth said, but they aren't limited.

..

...any inescapable influence, those days are \long gone." Powell said amount of quality programming for \ children actually was growing, but it tended to be on cable and \satellite, which don't...

?

File 348:EUROPEAN PATENTS 1978-2007/ 200724

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070614UT=20070607

(c) 2007 WIPO/Thomson

Set	Items	Description
S1	114517	TV OR TELEVISION? ?
S2	1614862	PROGRAM? ? OR SHOW? ? OR SITCOM? ? OR MOVIE? ?
S3	189979	S2(3N)(BLOCK???? OR RESTRICT? OR FILTER??? OR HALT??? OR S- TOP???? OR DISABL? OR PROHIBIT?)
S4	103771	(PARENT??? OR ADULT? ? OR MOTHER? ? OR FATHER? ? OR USER? - ?)(3N)(CONTROL? OR BLOCK???? OR RESTRICT? OR MANAG????? OR G- UIDELINE? OR FILTER??? OR LOCK??? OR HALT??? OR STOP???? OR D- ISABL? OR PROHIBIT?)
S5	239828	VIEWER? ? OR CHILD OR CHILDREN OR ADOLESCENT? ? OR MINOR? ?
S6	3058	S5(3N)(BLOCK???? OR RESTRICT? OR HALT??? OR STOP???? OR DI- SABL? OR PROHIBIT?)
S7	351906	MESSAGE? ? OR TEXT???
S8	13028	(CUSTOMI? OR PERSONALIZ? OR PERSONALIS? OR INDIVIDUAL????? OR SPECIFIED)(3N)S7
S9	69934	(DISPLAY? OR SHOW???? OR PRESENT?)(3N)(S7 OR S8)
S10	753505	PASSWORD? ? OR PIN OR IDENTIFIER? ? OR ID OR IDENTIFICATIO- N? ? OR CODE
S11	1603	EMM OR ENTITLEMENT(MANAGEMENT)MESSAGE? ?
S12	258	V()CHIP? ? OR (VIOLENCE OR VIOLENT)()CHIP? ?
S13	203	AU=(YAMAUCHI, A? OR YAMAUCHI A?)
S14	3	S13 AND S1 AND (S3 OR S4 OR S6)
S15	0	S14 NOT CAMERA
S16	1958	(S4 OR S6)(10N)S1
S17	604	S16(10N)(S2 OR S3)
S18	34	S17(S)(S8 OR S9)
S19	6	S18(S)(S11 OR S12 OR S10)
S20	4	S19 NOT AD=20010829:20070620/PR
S21	3	S20 NOT CD
S22	6	S18(S)S5
S23	4	S22 NOT S20
S24	1	S23 NOT AD=20010829:20070620/PR
S25	11	S16(10N)(S8 OR S9)
S26	10	S25 NOT (S20 OR S24)
S27	5	S26 NOT AD=20010829:20070620/PR
S28	148	S11(S)(S8 OR S9)
S29	19	S28(S)S1
S30	0	S29(S)(S3 OR S4 OR S6)
S31	5	S29(S)S5
S32	5	S31 NOT (S20 OR S24 OR S27)
S33	1	S32 NOT AD=20010829:20070620/PR
S34	12	S12(S)(S8 OR S9)
S35	11	S34 NOT (S20 OR S24 OR S27 OR S33)
S36	8	S35 NOT AD=20010829:20070620/PR
S37	5	S36 NOT PRINTING

21/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00862358

**INTERACTIVE SPECIAL EVENTS VIDEO SIGNAL NAVIGATION SYSTEM  
INTERAKTIVES VIDEOSIGNALNAVIGATIONSSYSTEM FUR BESONDERE EREIGNISSE  
SYSTEME INTERACTIF DE NAVIGATION A SIGNAUX VIDEO POUR EVENEMENTS  
SPECIFIQUES**

**PATENT ASSIGNEE:**

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,  
OK 74136, (US), (Proprietor designated states: all)

**INVENTOR:**

HANAFEE, Michael, 3143 East 87th Street, Tulsa, OH 74137, (US)  
MARSHALL, Connie, T., 2991 South Woodland Road, Muskogee, OK 74403, (US)  
EMMERT, Timothy, S., 2401 West Fulton, Broken Arrow, OK 74012, (US)

**LEGAL REPRESENTATIVE:**

Hale, Peter et al (60281), Kilburn & Strode 20 Red Lion Street, London  
WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 862833 A1 980909 (Basic)

EP 862833 B1 020213

WO 9719555 970529

APPLICATION (CC, No, Date): EP 96940564 961119; WO 96US18636 961119

PRIORITY (CC, No, Date): US 561486 951120

DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1143728 (EP 2001110981)

INTERNATIONAL PATENT CLASS (V7): H04N-007/16; H04N-007/173

**NOTE:**

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS B	(English)	200207	3380
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CLAIMS B	(German)	200207	2963
----------	----------	--------	------

CLAIMS B	(French)	200207	3666
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SPEC B	(English)	200207	2963
--------	-----------	--------	------

Total word count - document A	0
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Total word count - document B	12972
-------------------------------	-------

Total word count - documents A + B	12972
------------------------------------	-------

...CLAIMS viewer's display screen (33) to display a message requesting  
authorization to order said broadcast **television program**.

32. An apparatus that is **controlled** by a **user** input device (35) for  
accessing a broadcast information signal (18, 20, 28) while an  
associated broadcast **identification** signal is being automatically  
displayed, without initiation by user input, with a normal television  
program...

...28) comprising computer program data, the broadcast information signal  
(18, 20, 28) and the broadcast **identification** signal being  
transmitted to the apparatus, the apparatus comprising:

a processor (11) that:  
receives a...

21/3,K/2 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00513009 \*\*Image available\*\*

**APPARATUS AND METHOD FOR PARENTAL CONTROL USING V-CHIP PLUS+ AND MASTER**

**PASSWORD**

**APPAREIL ET PROCEDE DE CONTROLE PARENTAL FAISANT INTERVENIR LE MODE PLUS +**

**DE PUCE ANTIVIOLENCE ET UN MOT DE PASSE MAITRE**

Patent Applicant/Assignee:

GEMSTAR DEVELOPMENT CORPORATION,  
LEUNG Wing P,  
YUEN Henry C,

Inventor(s):

LEUNG Wing P,  
YUEN Henry C,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9944361 A1 19990902

Application: WO 99US4133 19990225 (PCT/WO US9904133)

Priority Application: US 9876290 19980227; US 98100575 19980916; US 98190031 19981111; US 98111342 19981207; US 98221615 19981228

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU  
ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML  
MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 21351

Fulltext Availability:

Detailed Description

**Detailed Description**

... depressed, a sub-menu is retrieved by the microprocessor from RAM and presented to the TV display. The sub-menu, shown in FIG. 26, allows the user to block the selected television program once, or alternatively, on a daily or weekly basis. The blocking frequency is set by...

...purposes, and once entered into the system with the viewer input device, will produce the message shown in the message display 144. The V - Chip Plus+ blocking screen of FIG. 25 is then re-entered by depressing the V - CHIP PLUS+ key on the viewer input device.

To review the television programs that have been...

21/3,K/3 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00343309 \*\*Image available\*\*

**APPARATUS AND METHOD FOR ALLOWING RATING LEVEL CONTROL OF THE VIEWING OF A**



**PROGRAM**  
**APPAREIL ET PROCEDE PERMETTANT LE CONTROLE, SELON UN NIVEAU DE**  
**CLASSEMENT,**  
**DE L'ACCES A UNE EMISSION**

Patent Applicant/Assignee:

INDEX SYSTEMS INC,

Inventor(s):

KWOH Daniel S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9625821 A1 19960822

Application: WO 96US2167 19960214 (PCT/WO US9602167)

Priority Application: US 95388025 19950214

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE  
KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY KG KZ RU TJ TM  
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 11870

Fulltext Availability:

Detailed Description

Detailed Description

... FIG. 5 is a schematic of a processor for implementing the command controller and compressed code decoder according to the present frequency spectrum at various locations in FIG. 16; FIG. 18 is a schematic showing a television receiver including a parental control device that receives the signal source input and blocks or enables program according to the

0 present invention;

FIG. 19 is a time line showing a video...rating level control of program viewing;

FIG. 22 is a schematic of the rating and text decoder shown in FIG. 25;

I FIG. 23 is an illustration of a video tape layout according...the viewing of a program according to the present invention; and

FIG. 28 illustrates the display of text data on a television monitor according to the present invention

30

35

Detailed Description of...

?

24/3,K/1 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00800237 \*\*Image available\*\*

**METHOD AND APPARATUS FOR SWAPPING THE VIDEO CONTENTS OF UNDESIRE**

**COMMERCIAL BREAKS OR OTHER VIDEO SEQUENCES  
PROCEDE ET APPAREIL PERMETTANT D'ECHANGER LES CONTENUS VIDEO DE  
PAUSES**

**PUBLICITAIRES INDESIRABLES OU D'AUTRES SEQUENCES VIDEO**

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA  
Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

DIMITROVA Nevenka, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,  
MCGEE Thomas, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,  
AGNIHOTRI Lalitha, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

WHITE Andrew G (agent), Internationaal Octrooibureau B.V., Prof Holstlaan  
6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200133848 A1 20010510 (WO 0133848)

Application: WO 2000EP10100 20001012 (PCT/WO EP0010100)

Priority Application: US 99431494 19991101

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

CN IN JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 3230

Fulltext Availability:

Detailed Description

Detailed Description

... the program rating, the violence content, the sexual content, etc.  
This allows, for example, a **parent to control**, at least partially,  
the content of **television programs** received for viewing by their  
**children**. In the event that the received program is beyond a  
pre-selected level, either a **message** is **displayed** on the screen  
indicating that the program (or portion of the program) exceeds the  
allowed level, or the **viewer** is subjected to a "blue screen" (no video  
signal for the duration of the program...

?

**27/3,K/1 (Item 1 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2007 European Patent Office. All rts. reserv.

01371874

**Remote control system**

**Fernsteuerungssystem**

**Systeme de telecommande**

PATENT ASSIGNEE:

SONY CORPORATION, (214025), 6-7-35 Kitashinagawa Shinagawa-ku, Tokyo 141,  
(JP), (Proprietor designated states: all)

INVENTOR:

Terakado, Tomoko, Intellectual Property Dpt., c/o Sony Corporation, 7-35,  
Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, (JP)

Miki, Nanami, Intellectual Property Departement, c/o Sony

Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, (JP)  
LEGAL REPRESENTATIVE:  
Pilch, Adam John Michael et al (50481), D Young & Co 120 Holborn, London  
EC1N 2DY, (GB)  
PATENT (CC, No, Kind, Date): EP 1168124 A2 020102 (Basic)  
EP 1168124 A3 040114  
EP 1168124 B1 060301  
APPLICATION (CC, No, Date): EP 2001305111 010612;  
PRIORITY (CC, No, Date): JP 2000198943 000630  
DESIGNATED STATES: DE; FR; GB  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS (V7): G05B-019/05  
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):  
IPC + Level Value Position Status Version Action Source Office:  
G05B-0019/05 A I F B 20060101 20011010 H EP  
ABSTRACT WORD COUNT: 126  
NOTE:  
Figure number on first page: 1

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200201	783
CLAIMS B	(English)	200609	761
CLAIMS B	(German)	200609	673
CLAIMS B	(French)	200609	881
SPEC A	(English)	200201	2864
SPEC B	(English)	200609	2337
Total word count - document A			3648
Total word count - document B			4652
Total word count - documents A + B			8300

...SPECIFICATION screen for a remote control apparatus that comprises  
activation objects, one of which, if selected, **displays a textual**  
group of four tasking objects corresponding, respectively, to a **TV**,  
VCR, DVD and CD. If the **user** wishes to **control** the VCR (for example),  
he selects said one activation object and then selects that one...

27/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2007 European Patent Office. All rts. reserv.

01337744

**Geographically specific signal communications receiver**  
**Nachrichtenempfänger der ortsabhängige Warnungen empfängt**  
**Recepteur de communication recevant des alertes spécifiques en zone**  
**géographique**

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma  
Kadoma-shi., Osaka 571-8501, (JP), (Proprietor designated states: all)

INVENTOR:

Kahn, Michael, 60 Dover Road, Westampton, NJ 08060, (US)

LEGAL REPRESENTATIVE:

Schwabe - Sandmair - Marx (100951), Stuntzstrasse 16, 81677 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1143394 A2 011010 (Basic)  
EP 1143394 A3 020814

EP 1143394 B1 050824  
APPLICATION (CC, No, Date): EP 2001104589 010306;  
PRIORITY (CC, No, Date): US 541016 000331  
DESIGNATED STATES: DE; FR; GB  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS (V7): G08B-021/00; G08B-025/08; G08B-027/00  
ABSTRACT WORD COUNT: 4599

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200141	898
CLAIMS B	(English)	200534	852
CLAIMS B	(German)	200534	785
CLAIMS B	(French)	200534	906
SPEC A	(English)	200141	3399
SPEC B	(English)	200534	3369
Total word count - document A			4298
Total word count - document B			5912
Total word count - documents A + B			10210

...SPECIFICATION such as twelve hours, once a warning is acknowledged, so that the user is not **bothered** constantly by **warnings** that are transmitted repeatedly. The warnings are not **disabled** permanently should the **user** forget that BUZZER 26 has been disabled. The suppress option is applicable only when BUZZER 26 is in use. The third option, as shown by step...

**27/3,K/3 (Item 3 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00534644

**Local communication bus system**

**Lokales Busnetzsystem**

**Systeme de bus de communication local**

PATENT ASSIGNEE:

D2B Systems Co. Ltd., (1351770), Betchworth House, 57-65 Station Road, Redhill, Surrey RH1 1DL, (GB), (applicant designated states: AT;BE;DE;FR;GB;IT)

INVENTOR:

Welmer, Harm Jan, Betchworth House, 57-65 Station Road, Redhill, Surrey RH1 1DL, (GB)

LEGAL REPRESENTATIVE:

White, Andrew Gordon et al (73162), Philips Electronics UK Limited, Patents and Trade Marks Department, Cross Oak Lane, Redhill, Surrey RH1 5HA, (GB)

PATENT (CC, No, Kind, Date): EP 535749 A2 930407 (Basic)

EP 535749 A3 950524

EP 535749 B1 990707

APPLICATION (CC, No, Date): EP 92202992 920930;

PRIORITY (CC, No, Date): GB 9121203 911004

DESIGNATED STATES: AT; BE; DE; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): H02J-013/00; H04N-007/00; H04B-001/20;  
ABSTRACT WORD COUNT: 109

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9927	707
CLAIMS B	(German)	9927	665
CLAIMS B	(French)	9927	822
SPEC B	(English)	9927	7151
Total word count - document A			0
Total word count - document B			9345
Total word count - documents A + B			9345

...SPECIFICATION interfaced to the bus system provides a user interface, with items such as device status messages being displayed overlaying any video program currently being displayed via the television. The television controls, and more particularly a remote control unit, provide the user's input by enabling the user to select from different options displayed.  
A known serial...

27/3,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00533010

**Local communication bus system and apparatuses for use in such a system**  
**Geräte eines lokalen Bus-Kommunikationssystems**

**Dispositifs pour système de communication local à bus**

PATENT ASSIGNEE:

D2B Systems Co. Ltd., (1351770), Betchworth House, 57-65 Station Road, Redhill, Surrey RH1 1DL, (GB), (applicant designated states: AT;BE;DE;ES;FR;GB;IT)

INVENTOR:

Welmer, Harm Jan, Betchworth House, 57-65 Station Road, Redhill, Surrey RH1 1DL, (GB)

LEGAL REPRESENTATIVE:

White, Andrew Gordon et al (73162), Philips Electronics UK Limited, Patents and Trade Marks Department, Cross Oak Lane, Redhill, Surrey RH1 5HA, (GB)

PATENT (CC, No, Kind, Date): EP 510739 A2 921028 (Basic)

EP 510739 A3 940921

EP 510739 B1 990210

APPLICATION (CC, No, Date): EP 92200771 920318;

PRIORITY (CC, No, Date): GB 9106113 910322; GB 9113793 910626

DESIGNATED STATES: AT; BE; DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): H04B-001/20;

ABSTRACT WORD COUNT: 118

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9906	833
CLAIMS B	(German)	9906	781

CLAIMS B (French) 9906 956  
SPEC B (English) 9906 5314  
Total word count - document A 0  
Total word count - document B 7884  
Total word count - documents A + B 7884

...SPECIFICATION system has a plurality of individually addressable home apparatuses coupled via the bus, with a **television** receiver coupled to the bus enabling a **user** to monitor the **control** status of the other connected apparatuses through status **messages displayed** on screen. In addition to enabling direct requests, via the television controls, for . apparatus status...

**27/3,K/5 (Item 1 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2007 WIPO/Thomson. All rts. reserv.

00156314

**SIGNAL PROCESSING APPARATUS AND METHODS**  
**DISPOSITIF ET PROCEDES DE TRAITEMENT DE SIGNAUX**

Patent Applicant/Assignee:

HARVEY John C,

Inventor(s):

HARVEY John C,

CUDDIHY James W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8902682 A1 19890323

Application: WO 88US3000 19880908 (PCT/WO US8803000)

Priority Application: US 8796 19870911

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BE BJ BR CF CG CH CM DE DK FI FR GA GB GB HU IT JP KP LK LU MC MG  
ML MR MW NL NO RO SE SN SU TD TG

Publication Language: English

Fulltext Word Count: 161690

Fulltext Availability:

Claims

Claim

... clear and simple. Another advantage is that receiver stations that lack said capacity for combining **user** specific information into **television** or radio programming can 15 continue., without modification, to receive and **display** the conventional television or radio and without the appearance of any signals or change in...

?

**33/3,K/1 (Item 1 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2007 European Patent Office. All rts. reserv.

01042998

**Information broadcasting method, receiver and information processing**

**apparatus**

**Nachrichtenrundfunksystem, Empfänger und Nachrichtsbearbeitungsgerät  
Procédé de diffusion d'information, récepteur et appareil de traitement  
d'information**

**PATENT ASSIGNEE:**

SONY CORPORATION, (214025), 6-7-35 Kitashinagawa Shinagawa-ku, Tokyo 141,  
(JP), (Proprietor designated states: all)

**INVENTOR:**

Shimizu, Kiyoshi, c/o Sony Corporation, 7-35  
Kitashinagawa, 6-chome, Shinagawa-ku, Tokyo, (JP)

**LEGAL REPRESENTATIVE:**

Robinson, Nigel Alexander Julian et al (69551), D Young & Co 120 Holborn,  
London EC1N 2DY, (GB)

**PATENT (CC, No, Kind, Date):** EP 923247 A2 990616 (Basic)

EP 923247 A3 000621

EP 923247 B1 070411

**APPLICATION (CC, No, Date):** EP 98310042 981208;

**PRIORITY (CC, No, Date):** JP 97338995 971209

**DESIGNATED STATES:** DE; FR; GB

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS (V7):** H04N-007/16; H04N-007/167

**INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):**

**IPC + Level Value Position Status Version Action Source Office:**

H04N-0007/16 A I F B 20060101 19990302 H EP

H04N-0007/167 A I L B 20060101 19990302 H EP

**ABSTRACT WORD COUNT:** 95

**NOTE:**

Figure number on first page: 1

**LANGUAGE (Publication, Procedural, Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	199924	934
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CLAIMS B	(English)	200715	1124
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CLAIMS B	(German)	200715	971
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CLAIMS B	(French)	200715	1320
----------	----------	--------	------

SPEC A	(English)	199924	7060
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SPEC B	(English)	200715	6816
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Total word count - document A	7995
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Total word count - document B	10231
-------------------------------	-------

Total word count - documents A + B	18226
------------------------------------	-------

...SPECIFICATION obtained message S26 to the display and interaction block 17. In this manner, as the **EMM** message S25 can be decoded only with the decoding key K corresponding to the IC card number, tampering and fabrication of order information and masquerade as a **viewers** can be prevented from. The display and interaction block 17 **displays** the confirmation request **message** according to the message S26 on the **TV** screen by outputting the message S26 to the **TV** set 18.

In this state, the viewers visually confirms the confirmation request message displayed on...

...card number, and displays a confirmation request message according to the message S26 on the **TV** screen. In this state, when the **viewers** instructs purchase confirmation, the **IRD 9** generates an order confirmation signal S30 composed of the...card number, and displays a confirmation request message according to the message S26 on the **TV**

screen. In the IRD 51, when the viewers instructs purchase confirmation, the display and interaction block 17 generate an order confirmation signal S60...

...card number, and displays a confirmation request message according to the message S26 on the TV screen. In this state, when the viewer instructs purchase confirmation, the IRD 51 encrypts the user ID/password, order confirmation information, order...

...SPECIFICATION obtained message S26 to the display and interaction block 17. In this manner, as the EMM message S25 can be decoded only with the decoding key K corresponding to the IC card number, tampering and fabrication of order information and masquerade as a viewers can be prevented from. The display and interaction block 17 displays the confirmation request message according to the message S26 on the TV screen by outputting the message S26 to the TV set 18.

In this state, the viewers visually confirms the confirmation request message displayed on...

...card number, and displays a confirmation request message according to the message S26 on the TV screen. In this state, when the viewers instructs purchase confirmation, the IRD 9 generates an order confirmation signal S30 composed of the...card number, and displays a confirmation request message according to the message S26 on the TV screen. In the IRD 51, when the viewers instructs purchase confirmation, the display and interaction block 17 generate an order confirmation signal S60...

...card number, and displays a confirmation request message according to the message S26 on the TV screen. In this state, when the viewer instructs purchase confirmation, the IRD 51 encrypts the user ID/password, order confirmation information, order...  
?

**37/3,K/1 (Item 1 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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01234943

**Video processing apparatus and method for allowing rating level control of the viewing of several programs displayed simultaneously**

**Videoverarbeitungsvorrichtung und -verfahren zur Steuerung der Betrachtung gemass des Klassifizierungsniveaus von mehreren gleichzeitig angezeigten Programmen**

**Dispositif de traitement video et procede permettant le controle, selon un niveau de classement, de l'acces a differentes emissions affichees simultanement**

**PATENT ASSIGNEE:**

Thomson Licensing S.A., (2880640), 46, quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR), (Proprietor designated states: all)

**INVENTOR:**

Beyers, Billy Wesley, 1075 Arrow Wood Drive, Carmel, IN 46033, (US)  
Dinwiddie, Aaron Hal, 12466 Trophy Drive, Fishers, IN 46038, (US)

**LEGAL REPRESENTATIVE:**

Rossmann, Manfred, Dr. et al (86693), Deutsche Thomson-Brandt GmbH  
European Patent Operations Karl-Wiechert-Allee 74, 30625 Hannover, (DE)



PATENT (CC, No, Kind, Date): EP 1071283 A2 010124 (Basic)

EP 1071283 A3 030618

EP 1071283 B1 040922

EP 1071283 B1 040922

APPLICATION (CC, No, Date): EP 2000115105 000712;

PRIORITY (CC, No, Date): US 356160 990719

DESIGNATED STATES: DE; FR; GB; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04N-007/088; H04N-005/45

ABSTRACT WORD COUNT: 120

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200104	398
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CLAIMS B	(English)	200439	407
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CLAIMS B	(German)	200439	422
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CLAIMS B	(French)	200439	470
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SPEC A	(English)	200104	2835
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SPEC B	(English)	200439	2562
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Total word count - document A	3234
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Total word count - document B	3861
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Total word count - documents A + B	7095
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...SPECIFICATION For example, teletext systems in use in Europe provide such information.

In the U.S. **V - Chip** rating control system, **V - Chip** ratings control (RC) can be activated or deactivated by a viewer who has the proper...

...is modified, e.g., blanked, and the audio is muted. In addition, the receiver may **display a message** indicating the reason for the interrupted reception and the expected duration of the interruption (e.g., SCENE EXCEEDS CONTENT LIMIT). The parent may also deactivate the **V - chip** ratings control by choosing to permit any level of broadcast to be displayed; in such...

...the program is blocked.

4. When activated, RC function applies to both Main and PiP

**V - chip** related modification of the image may include blanking the image until the received rating data...

...112 may cause OSD processor 117 to generate signals OSD(underscore)RGB representing a text **message** that will be **displayed** on the blanked screen indicating, for example, the reason for and expected duration of the image modification. Blanking the image as referred to herein in regard to **V - chip** related modification of the image may involve replacing the normal video program display with a screen of a particular color, such as a blue screen, with or without a **displayed message**, or **displaying** a predetermined fixed image such as a particular scene or icon, or displaying a predetermined...

...microprocessor 112 could cause tuner 105 to select a different channel, for example, if the **V - chip** violation is expected to be of long

duration (program related rather than scene related). Any...

...SPECIFICATION For example, teletext systems in use in Europe provide such information.

In the U.S. **V - Chip** rating control system, **V - Chip** ratings control (RC) can be activated or deactivated by a viewer who has the proper...

...is modified, e.g., blanked, and the audio is muted. In addition, the receiver may **display** a **message** indicating the reason for the interrupted reception and the expected duration of the interruption (e.g., SCENE EXCEEDS CONTENT LIMIT). The parent may also deactivate the **V - chip** ratings control by choosing to permit any level of broadcast to be displayed; in such...

...the program is blocked.

4. When activated, RC function applies to both Main and PiP

**V - chip** related modification of the image may include blanking the image until the received rating data...

...112 may cause OSD processor 117 to generate signals OSD(underscore)RGB representing a text **message** that will be **displayed** on the-blanked screen indicating, for example, the reason for and expected duration of the image modification. Blanking the image as referred to herein in regard to **V - chip** related modification of the image may involve replacing the normal video program display with a screen of a particular color, such as a blue screen, with or without a **displayed message**, or **displaying** a predetermined fixed image such as a particular scene or icon, or displaying a predetermined...

...microprocessor 112 could cause tuner 105 to select a different channel, for example, if the **V - chip** violation is expected to be of long duration (program related rather than scene related). Any...

37/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00969405

## **VIDEO SIGNAL PROCESSING APPARATUS PROVIDING INDEPENDENT IMAGE MODIFICATION**

### **IN A MULTI-IMAGE DISPLAY**

## **VIDEOSIGNALVERARBEITUNGSGERAT ZUR VERANDERUNG UNABHANGIGER BILDER IN EINER**

### **MEHRFACHBILDANZEIGE**

## **APPAREIL DE TRAITEMENT DU SIGNAL VIDEO A MODIFICATIONS INDEPENDANTES**

### **D'IMAGES DANS UN AFFICHAGE MULTI-IMAGES**

## **PATENT ASSIGNEE:**

Thomson Consumer Electronics, Inc., (1066936), 10330 North Meridian Street, Indianapolis, IN 46290-1024, (US), (Proprietor designated states: all)

## **INVENTOR:**

RUMREICH, Mark, Francis, 10308 Indian Lake Boulevard South, Indianapolis,

IN 46236, (US)

LEGAL REPRESENTATIVE:

Wordemann, Hermes, Dipl.-Ing. et al (61962), Deutsche Thomson-Brandt GmbH, Licensing & Intellectual Property, Karl-Wiechert-Allee 74, 30625 Hannover, (DE)

PATENT (CC, No, Kind, Date): EP 945004 A1 990929 (Basic)

EP 945004 B1 021113

WO 98027724 980625

APPLICATION (CC, No, Date): EP 97951627 971210; WO 97US22722 971210

PRIORITY (CC, No, Date): US 769333 961219

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS (V7): H04N-005/45

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B (English)	200246	1191
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CLAIMS B (German)	200246	1074
-------------------	--------	------

CLAIMS B (French)	200246	1367
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SPEC B (English)	200246	6679
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Total word count - document A	0
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Total word count - document B	10311
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Total word count - documents A + B	10311
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...SPECIFICATION such as XDS data.

One important application of XDS data is providing the so-called **V - chip** capability. A television receiver that provides **V - chip** capability permits a user to prevent certain programs and/or scenes from being viewed and...

...is modified, e.g., blanked, and the audio is muted. In addition, the receiver may **display a message** indicating the reason for the interrupted reception and the expected duration of the interruption (e...

...produce a signal representing a multi-image display creates special problems in regard to providing **V - chip** capability. In particular, the inventor has recognized that it may be desirable to independently monitor **V - chip** data for each of the main and auxiliary video signal sources. In addition, it may be desirable to modify the main and auxiliary images independently in response to the respective **V - chip** data, e.g., blanking the main image in response to **V - chip** data from the main video signal independent of whether the auxiliary image is being blanked in response to auxiliary-picture **V - chip** data. As used herein in regard to changing an image in response to auxiliary information such as **V - chip** data, the terms "modify" and "blank" are intended to indicate various modifications of a video...

...example, an image representing video program information can be blanked to black in response to **V - chip** data. Alternatively, an image can be replaced with a single color screen such as a...

...Also, an image can be replaced with a single color screen on which an informative **message** is **displayed** or can be replaced with a particular predetermined image or pattern such as an icon...C BUS to PIP unit 140 which modifies the displayed image as described in detail below.

**V - chip** related modification of the image may include blanking the

image until the received rating data...

...112 may cause OSD processor 117 to generate signals OSD(underscore)RGB representing a text **message** that will be **displayed** on the blanked screen indicating, for example, the reason for and expected duration of the image modification. Blanking the image as referred to herein in regard to **V - chip** related modification of the image may involve replacing the normal video program display with a screen of a particular color, such as a blue screen, with or without a **displayed message**, or **displaying** a predetermined fixed image such as a particular scene or icon, or displaying a predetermined...

...CPU 112 could cause tuner 105 to select a different channel, for example, if the **V - chip** violation is expected to be of long duration (program related rather than scene related). Any...

**37/3,K/3 (Item 1 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
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00817170 \*\*Image available\*\*

**RATINGS CONTROL SYSTEM WITH TEMPORARY OVERRIDE CAPABILITY**  
**SYSTEME DE CONTROLE DES CLASSIFICATIONS DOTE D'UNE CAPACITE**  
**TEMPORAIRE**

**D'ANNULATION**

Patent Applicant/Assignee:

THOMSON LICENSING S A, 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex  
, FR, FR (Residence), FR (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

LYNCH David Johnston, 10243 Brixton, Fishers, IN 46038, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

TRIPOLI Joseph S (et al) (agent), Thomson multimedia Licensing Inc., P.O.  
Box 5312, Princeton, NJ 08540, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200150741 A1 20010712 (WO 0150741)

Application: WO 2000US34148 20001218 (PCT/WO US0034148)

Priority Application: US 99475448 19991230

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3753

Fulltext Availability:

## Detailed Description

### Detailed Description

... scenes, and compare the content and rating to the limits set by a user. When **V - Chip** ratings control is activated by the a viewer who has the proper authorization (hereinafter referred...io modified, e.g., blanked, and the audio is muted. In addition, the system may **display a message** indicating the reason for the interrupted reception and the expected duration of the interruption (e.g., SCENE EXCEEDS CONTENT LIMIT). The supervisor may also deactivate the **V - chip** ratings control by choosing to pen-nit any level of broadcast to be displayed; in...

37/3,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00437265 \*\*Image available\*\*

### **TELEVISION APPARATUS FOR SIMULTANEOUS DECODING OF AUXILIARY DATA INCLUDED**

#### **IN MULTIPLE TELEVISION SIGNALS**

### **APPAREIL RECEPTEUR DE TELEVISION POUR LE DECODAGE SIMULTANE DE DONNEES**

#### **AUXILIAIRES INCLUSES DANS DES SIGNAUX DE TELEVISION MULTIPLES**

Patent Applicant/Assignee:

THOMSON CONSUMER ELECTRONICS INC,

Inventor(s):

RUMREICH Mark Francis,

MAZE Kenneth Wayne,

FORLER Joseph Wayne,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9827729 A1 19980625

Application: WO 97US22748 19971210 (PCT/WO US9722748)

Priority Application: US 96769329 19961219

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU  
ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ  
PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW  
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7462

Fulltext Availability:

Detailed Description

### Detailed Description

... same date as the present application, is commonly assigned, and is hereby incorporated by reference. **V - chip** related modification of the image may include blanking the image until the received rating data...

...CPU 112 may cause OSD

processor 117 to generate signals OSD-RGB representing a text **message**

that will be **displayed** on the blanked screen indicating, for example, the reason for and expected duration of the...

37/3,K/5 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00437260 \*\*Image available\*\*

**VIDEO SIGNAL PROCESSING SYSTEM PROVIDING INDEPENDENT IMAGE  
MODIFICATION IN**

**A MULTI-IMAGE DISPLAY**

**SYSTEME DE TRAITEMENT DU SIGNAL VIDEO A MODIFICATIONS  
INDEPENDANTES**

**D'IMAGES DANS UN AFFICHAGE MULTI-IMAGES**

Patent Applicant/Assignee:

THOMSON CONSUMER ELECTRONICS INC,

Inventor(s):

RUMREICH Mark Francis,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9827724 A1 19980625

Application: WO 97US22722 19971210 (PCT/WO US9722722)

Priority Application: US 96769333 19961219

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU  
ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ  
PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW  
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 5903

Fulltext Availability:

Detailed Description

Detailed Description

... signal independent of whether the  
auxiliary image is being blanked in response to auxiliary-picture **V -  
chip**  
data. As used herein in regard to changing an image in response to  
auxiliary information such as **V - chip** data, the terms "modify" and  
"blank"  
are intended to indicate various modifications of a video...

...example, an image representing video program information can be  
blanked to black in response to **V - chip** data. Alternatively, an image  
can  
be replaced with a single color screen such as a...

...image can be replaced with a single color screen on which an informative  
**I 0 message is displayed** or can be replaced with a particular  
predetermined  
image or pattern such as an icon...BUS to PIP unit 140 which modifies the  
displayed image as described in detail below.

**V - chip** related modification of the image may include blanking the image until the received rating data...

...CPU 112 may cause OSD processor 117 to generate signals OSD-RGB representing a text **message** that will be **displayed** on the blanked screen indicating, for example, the reason for and expected duration of the image modification. Blanking the image as referred to herein in regard to **V - chip** related modification of the image may involve replacing the ...a screen of a particular color, such as a blue screen, with or without a **displayed message** , or **displaying** a predetermined fixed image such as a particular scene or icon, or displaying a predetermined...

...CPU 112 could cause tuner 105 to select a different channel, for example, if the **V - chip** violation is expected to be of long duration (program related rather than scene related). Any

...  
?